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U. S. Department of Agriculture



1893 . . . 1947

FRANK HOWARD'S

54th Year

SPRING CATALOG

Reliable "Seeds That Grow"



FRANK HOWARD, INC., PITTSFIELD, MASS.

1893 - FRANK HOWARD'S - 1947

GENERAL LIST OF

Standard Tested Vegetable Seeds

PRICES SUBJECT TO CHANGE

SPECIAL NOTICE. We give no warranty, express or implied, as to the productiveness of any seeds, bulbs or plants we sell and we will not be in any way responsible for the crop. Our liability in all instances is limited to the purchase price of the seed, bulbs, or plants.—FRANK HOWARD, INC.

SEED TREATMENT. All of our vegetable seed (except beets, chard, and onions) have been treated with Spergon. Spergon contains *no mercury* or *copper* and is non-injurious. Active Ingredient is 98% Tetrachloropara benzoquinone. It prevents seed decay and "damping-off". Stimulates growth. It is compatible with Legume Bacteria.



ASPARAGUS—Sow the seed thinly in rows 1 foot apart in April or May and keep down weeds; thin seedlings to 3 or 4 inches apart. Roots should be set out in spring in rich sandy loam, dug 18 inches deep, work in plenty of well rotted manure. Every fall a good dressing of coarse manure and our Garden Fertilizer should be applied after tops are cut and in the spring forked in. Never cut closely.

★ **MARY WASHINGTON**—The popular, rust-resistant asparagus—rich, dark green color, a marked improvement over the old varieties.

pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c.

ASPARAGUS ROOTS—Mary Washington (New)
3 year old roots

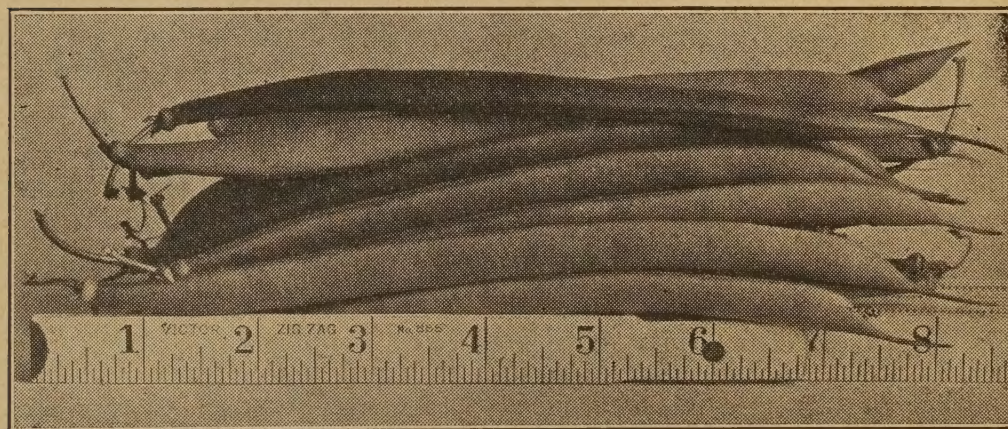
per root 5c; per doz. 50c; per 100 \$3.00

BEANS

When ground is perfectly warm and dry, make drill 2 inches deep and 18 inches to 2 feet apart, drop the beans 3 inches apart in the drills, cover not over 2 inches deep. Hoe well in dry weather. Sow every two weeks for succession. Compost, or our Garden Fertilizer may be thoroughly worked into soil before planting.

Dwarf Green Podded Varieties

★ **ASGROW STRINGLESS BLACK VALENTINE**—attractive oval pods, nearly straight, dark green, fine quality and delicate flavor. $\frac{1}{4}$ lb. 15c., $\frac{1}{2}$ lb. 25c., 1 lb. 45c., 2 lbs. 80c., 5 lbs. \$1.95.



★ GIANT STRINGLESS GREEN POD—

Very early, round pods absolutely stringless, fine quality, one of the finest snap beans grown; $\frac{1}{4}$ lb. 15c., $\frac{1}{2}$ lb. 25c., 1 lb. 45c., 2 lbs. 80c., 5 lbs. \$1.95.

IMPROVED ROYAL WHITE OR KIDNEY—Excellent for shelling green or baking when mature, $\frac{1}{4}$ lb. 15c., $\frac{1}{2}$ lb. 25c., 1 lb. 45c., 2 lbs. 80c., 5 lbs. \$1.95.

LARGE WHITE MARROW—The favorite for general field crop, $\frac{1}{4}$ lb. 15c., $\frac{1}{2}$ lb. 25c., 1 lb. 45c., 2 lbs. 80c., 5 lbs. \$1.95.

IMPROVED YELLOW EYE, SHELL— $\frac{1}{4}$ lb. 15c., $\frac{1}{2}$ lb. 25c., 1 lb. 45c., 2 lbs. 80c., 5 lbs. \$1.95.

★ Particularly suitable for quick freezing.



BEANS—Continued

Dwarf, Green Podded Varieties

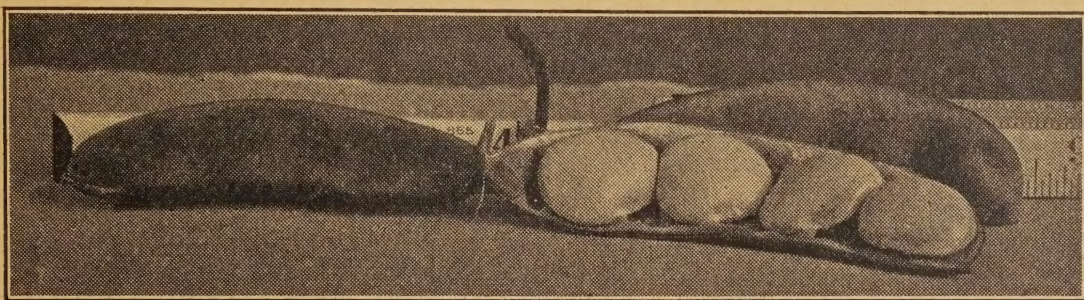
MAHOGANY RED KIDNEY—A good shell bean, $\frac{1}{4}$ lb. 15c., $\frac{1}{2}$ lb. 25c., 1 lb. 45c., 2 lbs. 80c., 5 lbs. \$1.95.

BOUNTIFUL,—Pods grow to large size, are flat, fleshy and stringless, when young cook tender and fine quality. $\frac{1}{4}$ lb. 15c.; $\frac{1}{2}$ lb. 25c.; 1 lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.95.

PLENTIFUL,—A new improved green flat pod. Larger than Bountiful—brittle, straight, and stringless. $\frac{1}{4}$ lb. 15c.; $\frac{1}{2}$ lb. 25c.; 1 lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.95.

★ **STRINGLESS GREEN POD**, Burpee's—Early, tender and crisp. Pods pale green, long and straight, round, meaty, stringless. $\frac{1}{4}$ lb. 15c.; $\frac{1}{2}$ lb. 25c.; 1 lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.95.

HORTICULTURAL DWARF, or Dwarf Cranberry, productive, thick, flat pod. $\frac{1}{4}$ lb. 15c.; $\frac{1}{2}$ lb. 25c.; 1 lb. 45c.; 2 lbs. 80c.; 5 lbs. \$1.95.



Our Fordhook Bush Lima Bean

Lima Beans—Bush and Pole

IMPROVED DWARF OR BUSH LIMA, Burpee's—Grows from 18 to 20 inches high, stout, and erect growth, immense yielder. $\frac{1}{4}$ lb. 20c.; $\frac{1}{2}$ lb. 30c.; 1 lb. 45c.; 2 lbs. 85c.; 5 lbs. \$2.00.

★ **FORDHOOK BUSH LIMA**—Both pods and beans are very large. $\frac{1}{4}$ lb. 20c.; $\frac{1}{2}$ lb. 30c.; 1 lb. 45c.; 2 lbs. 80c.; 5 lbs. \$2.00.

BABY POTATO LIMA,—A new and attractive variety. All America Silver Medal for 1940. $\frac{1}{4}$ lb. 20c.; $\frac{1}{2}$ lb. 30c.; 1 lb. 45c.; 2 lbs. 80c.; 5 lbs. \$2.00.

★ **BUSH LIMA**,—Henderson's—An early Bush Lima, very productive, requires no stakes or poles, quality excellent. $\frac{1}{4}$ lb. 20c.; $\frac{1}{2}$ lb. 30c.; 1 lb. 45c.; 2 lbs. 85c.; 5 lbs. \$2.00.

EARLY LEVIATHAN LIMA,—The earliest large lima pole bean. Enormous cropper, excellent quality. Pkt. 20c.; $\frac{1}{2}$ lb. 30c.; 1 lb. 45c.; 2 lbs. 85c.; 5 lbs. \$2.00.

KING OF THE GARDEN LIMA,—Heavy cropper, bean and pod very large. Pole. Pkt. 20c.; $\frac{1}{2}$ lb. 30c.; 1 lb. 45c.; 2 lbs. 85c.; 5 lbs. \$2.00.

BROAD WINDSOR, OR FAVA,— $\frac{1}{4}$ lb. 20c.; $\frac{1}{2}$ lb. 30c.; 1 lb. 50c.; 2 lbs. 95c.; 5 lbs. \$2.35.

Dwarf, Wax or Butter Varieties

	$\frac{1}{4}$ lb.	$\frac{1}{2}$ lb.	1 lb.	2 lbs.	5 lbs.
★ BLACK WAX, PENCIL POD ,—Slender, long, round pods, hardy and prolific, splendid quality, best of the wax varieties,	.15	.25	.45	.80	1.95
IMPROVED RUSTLESS GOLDEN WAX ,—Hardy and productive, pods flat, stringless, wax-like and handsome,	.15	.25	.45	.80	1.95
★ KIDNEY WAX ROUND-POD , (Brittle Wax),—A handsome midseason variety, pods long and round, wax-like, stringless, fine quality,	.15	.25	.45	.80	1.95
SURE CROP WAX —Pods thick flat, golden yellow, strictly stringless, fine texture and quality,	.15	.25	.45	.80	1.95

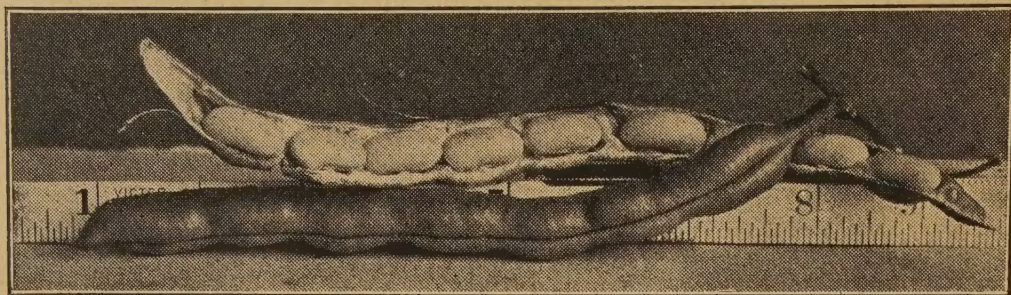
Climbing or Pole Varieties

Sow after danger from frost, and soil is warm and dry, in hills 4 feet each way. Poles 8 or 10 feet long, should be firmly set in hills before planting seed.

	Pkt.	$\frac{1}{2}$ lb.	1 lb.	2 lbs.	5 lbs.
LONDON HORTICULTURAL OR SPECKLED CRANBERRY ,—A popular variety for shelling,	.20	.30	.45	.85	2.00

★ Particularly suitable for quick freezing.

BEANS—Climbing or Pole Varieties—Continued



Old Homestead Pole Beans

★ **OLD HOMESTEAD, (Kentucky Wonder)**—The most popular of the green podded pole varieties, enormously productive, tender and well flavored.

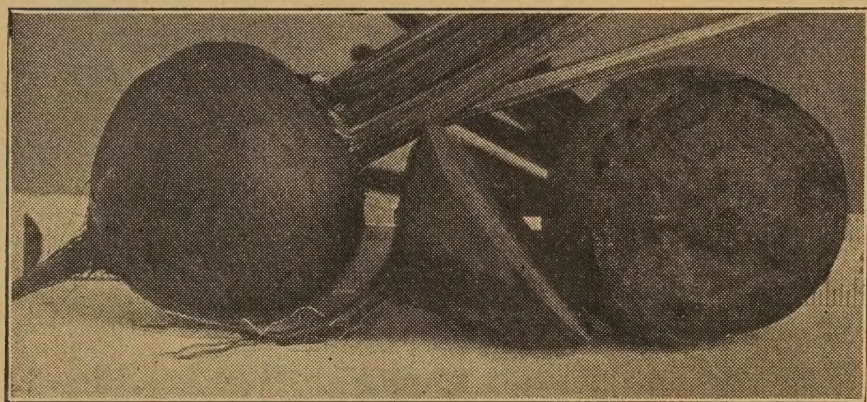
Pkt. 15c; ½ lb. 25c; 1 lb. 45c; 2 lbs. 80c; 5 lbs. \$1.95

SCARLET RUNNER—Grown principally for ornament, scarlet blossoms.

Pkt. 20c; ½ lb. 30c; 1 lb. 45c; 2 lbs. 85c; 5 lbs. \$2.00

WHITE DUTCH RUNNERS—Same habit as the scarlet, blossoms white.

Pkt. 20c; ½ lb. 30c; 1 lb. 45c; 2 lbs. 85c; 5 lbs. \$2.00



Detroit Dark Red Beet

BEETS Table Varieties

Sow as early as the ground can be worked and every two weeks after, up to the first week of July for a succession. For general crop sow after middle of May. Sow in drills, 1 foot to 15 in. apart, and when well up thin from 4 to 6 in. Soil should be light, sandy loam, well enriched—very little danger of getting too rich.

ASGROW WONDER BEET—Dark, deep red, tender, and of excellent quality—semi-globular. All American Silver Medal. The best garden beet in every way. Early. An improvement on Detroit Dark Red.

pkt. oz. ¼ lb. ½ lb.

.10 .20 .75 1.45

CROSBY'S EGYPTIAN—Roots very dark red, flesh deep purplish red,

.10 .20 .75 1.45

DETROIT DARK RED TURNIP—Round, skin dark blood-red, flesh bright red,

.10 .20 .75 1.45

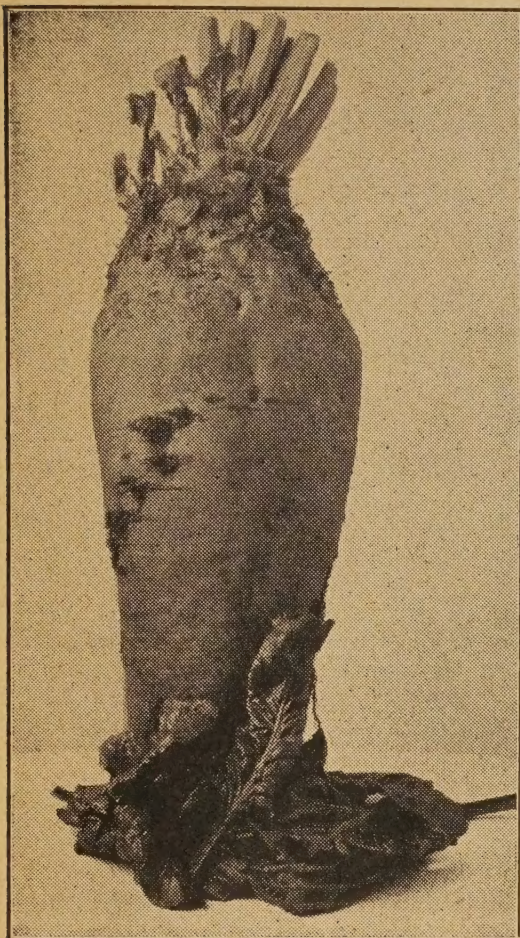
ECLIPSE—Very early, color bright red,

.10 .20 .75 1.45

SWISS CHARD—Grown exclusively for its leaves. The middle of the leaf can be used and served like asparagus, the rest like spinach,

.10 .15 .50 .90

★ Particularly suitable for quick freezing.



Mangel Wurzel

MANGEL WURZEL

	Oz.	$\frac{1}{4}$ Lb.	Lb.
MAMMOTH PRIZE LONG RED, —One of the best for deep soil, roots very large, very heavy cropper,	.20	.65	2.00
GIANT SLUDSTRUP — Yellow oval, white fleshed	.20	.65	2.00
GOLDEN TANKARD, — Flesh bright yellow, said to contain a large amount of sugar,	.20	.65	2.00
NORBITON GIANT, —The larg- est variety grown, and one of the most popular,	.20	.65	2.00

BROCCOLI

- ★ **ITALIAN GREEN SPROUTING,** (Calabrese)
plant forms solid green head; when central head is
cut numerous sprouts develop with smaller heads,
cut with five or six inches of stem; prepare like
asparagus; pkt. 10c; $\frac{1}{4}$ oz. 15c; $\frac{1}{2}$ oz. 20c;
1 oz. 35c.



Brussels Sprouts

BRUSSELS SPROUTS

(Cultivation same as Cabbage.)

LONG ISLAND IMPROVED—Compact heads, probably the best. Pkt. 25, $\frac{1}{2}$ oz. .95



Cauliflower

CAULIFLOWER

CULTURE.—Same as cabbage except that an extra
amount of fertilizer and plenty of water may be used
to advantage.

- ★ **EARLY SNOWBALL**—The best cauliflower grown,
a sure header, pkt. 25c; $\frac{1}{4}$ oz. 1.15; $\frac{1}{2}$ oz. 2.15;
oz. \$4.00.
- ★ **SUPER SNOWBALL**—Starts heading early and uni-
formly. Heads medium large, compact, very white,
pkt. 25c; $\frac{1}{4}$ oz. \$1.15; $\frac{1}{2}$ oz. \$2.15; oz. \$4.00.

PLANTS IN SEASON

★ Particularly suitable for quick freezing.

CABBAGE

Soil for Cabbage should be rich heavy loam, with good drainage. Use an abundance of stable or our Garden Fertilizer, worked well into the soil. Sow in hot beds, transplanting in the spring as soon as the ground can be worked, 2 ft. apart one way and 12 to 18 in. the other, according to variety. For late crops, sow in May, transplant in July. If desired to cultivate with horse, set in rows of 2 ft. by 3 ft.

ALL SEASONS—Fine strain. Heads deep. Can be planted for early or late crop, 20c pkt., 50c ½ oz., 85c oz., \$3.00 ¼ lb.

COPENHAGEN MARKET—The finest, large, round-headed, early Cabbage solid fine quality, short stemmed. 10c pkt., 25c ½ oz., 40c oz., \$1.50 ¼ lb.



SELECTED LATE FLAT DUTCH,—A valuable late variety, one of the best for main winter crop, 10c pkt., 25c ½ oz., 40c oz., \$1.50 ¼ lb.

GOLDEN ACRE—Earliest round headed cabbage, medium size, hard, solid,20 .50 .85 3.00

MAMMOTH ROCK RED,—Largest and surest header, red,15 .35 .60 2.00

EARLY JERSEY WAKEFIELD—The earliest cabbage, heads cone shaped and solid10 .25 .40 1.50

EARLY WINNINGSTADT,—About three weeks later than Jersey Wakefield, heads cone shaped and solid, sure to head,10 .35 .65 1.75

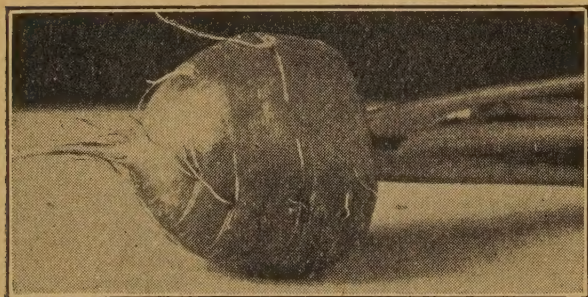
PERFECTION DRUMHEAD SAVOY,—Very tender, excellent flavor, fine,10 30. .50 1.90

HOLLANDER OR DANISH BALL HEAD,—Medium size heads, solid, best keeping cabbage grown,10 .35 .65 1.75

CHINESE (Chihli) Cabbage. Earliest and most sure heading of the Chinese varieties. Delicate, mild, cabbage flavor, cultivation same as late cabbage. 10 pkt., 25c ½ oz., 30c oz., \$.90 ¼ lb.

CARROTS

Sow from middle of May to first of July, in rows 10 in. apart for early, and 14 for main crop, or further apart if it is desired to cultivate with horse. Thin out to 5 in. in rows for early crop, 6 to 7 in. for main crop. Soil, light, sandy loam deeply dug, richly manured, hoe often, cultivate deep.



French Forcing Carrot

★**CORELESS**—Early, finest quality, deep orange, free from woody heart, 10c pkt., 20c ½ oz., 35c oz., \$1.00 ¼ lb.

DANVERS HALF LONG,—(Pointed), heavy yielder, roots 8 to 10 inches long, thick, dark orange, 10c pkt., 20c ½ oz., 30c oz., 90c ¼ lb.

DANVERS HALF LONG,—(Stump rooted), similar to above except that it has blunt roots, 10c pkt., 20c ½ oz., 30c oz., 90c ¼ lb.

★Particularly suitable for quick freezing.

CARROTS—(Continued)

	Pkt	½ Oz.	Oz.	¼ Lb
FRENCH FORCING —Small round root, the earliest variety	.15	.40	.60	1.75
HUTCHINSON —Root 10 to 12" in length, stump root, deep orange, immensely productive; excellent for stock or table.	.10	.20	.35	1.00
IMP. LONG ORANGE —11"—Similar to Hutchinson, but pointed. Pkt. 10c; ½ oz. 20c; oz. 35c; ¼ lb. \$1.00.				

**CELERY**

CULTURE.—Sow seeds in light rich soil, as early as ground can be worked, in drills 8 or 10 inches apart, cover seeds about a quarter of an inch deep, rolling or treading them if ground is dry. When fairly out of seed leaf transplant or thin from 6 to 8 inches apart in the row, and let grow until wanted to plant out. Keep well wet down in dry weather. Set out in July, 6 to 8 inches apart, (press soil firmly against roots), in single row in shallow trenches, having previously worked a good quantity of well rotted manure in bottom of trench. It is well to work thoroughly into the soil under and around the trench a quantity of our Garden Fertilizer. To raise good celery requires rich soil. Earth up two or three times, taking care not to let the earth get into the heart of the plant.

DWARF GOLDEN SELF BLANCHING,—One of the best early, solid, fine nutty flavor, good size, golden yellow, Pkt. ½Oz. Oz. ¼Lb. .25 .70 1.25 3.75

GIANT PASCAL,—The largest variety grown, fine nutty flavor, excellent keeper, easily blanched, .10 .50 .90 2.75

GOLDEN PLUME, OR WONDERFUL,—A new, large, golden yellow celery, of very finest quality, easily blanched, somewhat earlier than the Golden Self-Blanching, good keeper, .25 .70 1.25 3.75

CELERIAC (Turnip-Rooted Celery)

CULTURE—Similar to celery.

LARGE SMOOTH PRAGUE—An improved variety, round, smooth roots, the largest and best variety, Used for celery-like flavoring in soups. 10c pkt., 35c ½ oz., 60c oz.

CHERVIL

CULTURE—Same as parsley.

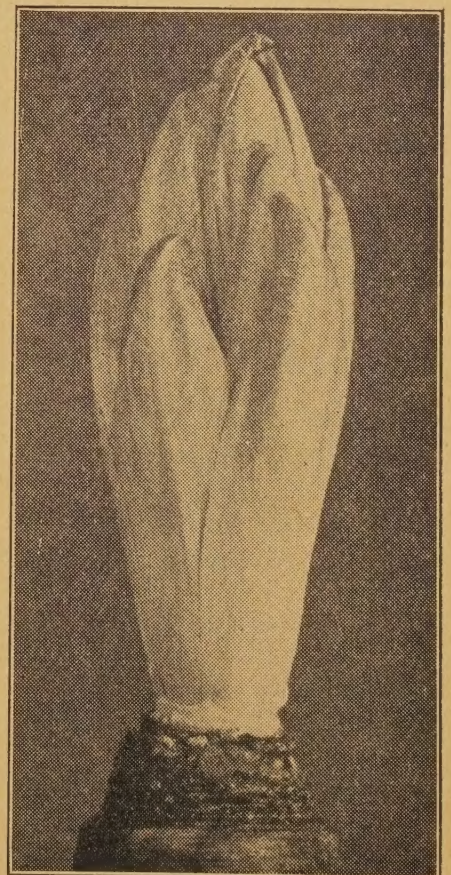
CURLED—The leaves are used for flavoring. 10c pkt., ½ oz. 35c; oz., 60c.

CHICORY

CULTURE—Sow in June, transplant in autumn into sand in cellar.

LARGE ROOTED—10c pkt., 40c ½ oz., 70c oz.

WITLOOF—Sometimes known as French Endive. Sow in May or June in drills. Thin to 6 inches. for winter salad, cut tops to within one inch of crown, plant in soil in cellar, letting tops grow up through leaves, shavings or excelsior. Moisten occasionally. 10c pkt., 40c ½ oz., 70c oz.



Witloof Chicory

SWEET CORN

Plant in hills 3 ft. apart each way, and five or six kernels in a hill. Hoe often, drawing soil up to stem after first hoeing. Break off side shoots. Make ground very rich. Use broadcast or in the hill our Garden Fertilizer, worked well into soil. It has been found very beneficial to sow these fertilizers between the rows before cultivating and hoeing the second time.

We have been very careful in selecting the best and sweetest varieties of corn adapted to this section. The list below is arranged in order of maturity.

	1/2lb.	1lb.	2lbs.	5lbs.
GOLDEN HUMMER —Largest and earliest of the yellow varieties, 74 days,	.25	.45	.80	1.90
GOLDEN BANTAM —8 Row, selected stock. Small, yellow ears, delicious flavor, 79 days,	.25	.45	.80	1.90
GOLDEN GIANT —The largest of the yellow sweet varieties, ears about 8 in. long, later than the Golden Bantam, 87 days	.25	.45	.80	1.90
★ STOWELL'S EVERGREEN . The standard for quality, and the best known variety, remains a long time in suitable condition for boiling, 95 days,	.20	.40	.80	1.90
POP CORN —Japanese Hulless—for seed. Ears chunky, white kernels, pop to large snowy white. Pkt. 10c; 1/4 lb. 25c; lb. 90c.				

HYBRID CORN

	Pkt.	1/2lb.	lb.	2lbs.	5lbs.
SPANCROSS C13X3 —Early—10-12 Row golden yellow sweet and tender, small ears. 73 days,	.15	.35	.60	1.10	2.60
MARCROSS C13.6 —Most popular early yellow hybrid 10-14 rowed good quality. Matures just before Golden Bantam, 76 days,	.15	.35	.60	1.10	2.60
★ GOLDEN CROSS BANTAM —Ears 10-14 rowed, kernels rich yellow in color, excellent quality; excellent for canning and market garden use. Matures just after Golden Bantam, 85 days,	.15	.35	.60	1.10	2.60
OTO —Long ears—wilt resistant, vigorous, 8-12 rowed ears, 87 days,	.15	.35	.60	1.10	2.60
★ ERIE —Long ears—wilt resistant, vigorous 12 to 14 rowed, 88 days,	.15	.35	.60	1.10	2.60

Note.—The high elevation and short growing season in Berkshire County force us to select only the finest strains of these varieties of corn.

ENSILAGE OR FODDER CORN

GOLDEN BEAUTY,—An excellent ensilage corn, large growth. Produces an abundance of large ears, resembles the Leaming, but is earlier, which is an advantage in Berkshire County and vicinity.

14 lbs. \$1.25; 56 lbs. \$4.75.

C38 HYBRID—14 lbs. \$3.00

56 lbs. \$10.50.

WESTBRANCH SWEEP-STAKES — (Specially selected) The Original Sweepstakes. Early and productive, an excellent ensilage corn.

14 lbs. \$1.30, 56 lbs. \$4.95.

CORNELL 29-3—A fine ensilage corn.

14 lbs. \$3.00, 56 lbs. \$10.50



A Local Field of our Golden Beauty Ensilage Corn

★Particularly suitable for quick freezing.



FIELD CORN

Same as Sweet Corn. Some prefer to plant in drills. Use our Special Corn Fertilizer, worked well into the soil when planting and before second hoeing.

EIGHT ROW YELLOW,—From selected ears, northern grown early varieties. Price 2 lbs. 25c, 14 lbs. \$1.55, 28 lbs. \$2.95, 56 lbs. \$5.50

CRESS OR PEPPER GRASS

Sow curled variety thickly in shallow drills every two or three weeks. Cut often.

EXTRA CURLED,—Used as salad

WATER CRESS,—Grows along the banks of ponds and streams—a fine salad,

No seed available in 1947

CUCUMBERS

CULTURE—For very early crops, sow seeds in hotbeds upon pieces of sod. Transplant when danger from frost is over. For general crop, sow in open ground when danger from frost is over and again for a succession. For pickles sow from middle of June, to first week in July. Plant in hills 4 ft. apart, making hills rich.

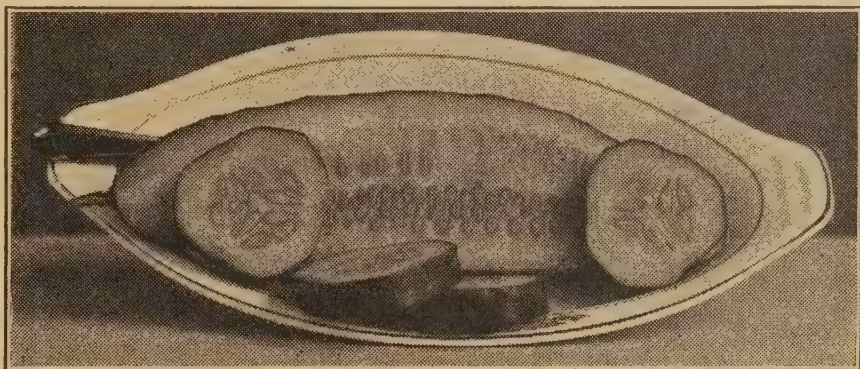
CHICAGO PICKLING—

Best for pickling, 10c pkt., 25c ½ oz., 40c oz., 1.00 ¼ lb.

JAPANESE CLIMBING,—Good for frames or open ground, 10c pkt., 25c ½ oz., 40c oz., 1.00 ¼ lb.

IMPROVED LONG GREEN,—

The favorite for general crop, good pickler or slicer, 10c pkt., 25c ½ oz., 40c oz., 1.00 ¼ lb.



EARLY FORTUNE—Selected, one of the finest types of White Spine yet produced. Early, very productive and disease-resisting. Fruits long, slightly tapering, flesh white, firm and crisp, with very few seeds, color rich dark green, one of the very best slicing and pickling cucumbers. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.00.

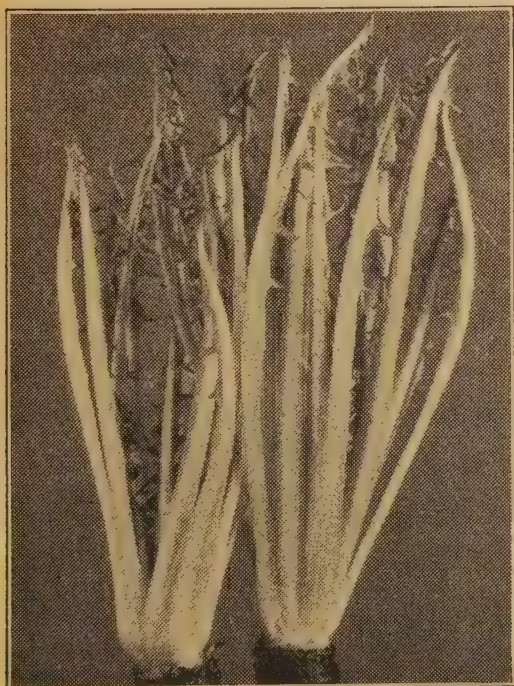
MARKETER—Slender dark green. Excellent quality, uniform. 20c pkt., 35c ½ oz., 60c oz., \$1.50 ¼ lb.

SNOW'S PERFECTED PICKLE,—Excellent pickling cucumber, 10c pkt., 25c ½ oz., 40c oz., 1.00 ¼ lb.

PRODUCER—White spine pickling type. Very prolific, dark green color. 20c pkt., 40c ½ oz., 70c oz., \$2.00 ¼ lb.

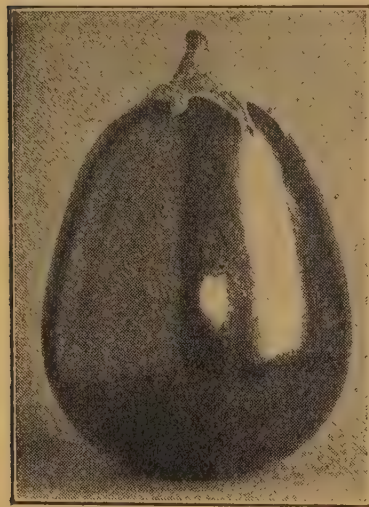
DANDELION

Sow in early Spring in drills ½ in. deep and 18 in. apart, thin plants to 12 in. Keep clear of weeds. The leaves will be ready to cut the following spring. They are best if blanched, which can be done by placing two boards edgewise over the row.



Improved Thick Leaved Dandelion

IMPROVED THICK LEAVED,—Very much superior to common dandelion for greens. 25c per pkt., ½ oz., 60, \$1.00 oz.



N. Y. Egg Plant

EGG PLANT

Sow in hot beds very early in spring, transplant when 2 in. high into second bed or small pots, or thin to 4 in. apart. Plant out after weather is perfectly settled and warm. Set plants 3 ft. by 2 ft.

BLACK BEAUTY—Earliest, dark color, 15c pkt., 45c $\frac{1}{2}$ oz., 75c oz.
NEW YORK IMPROVED SPINELESS—Old standard variety, well adapted to this section. 15c per pkt., 45c $\frac{1}{2}$ oz., 75c per oz.

ENDIVE

Sow in June, July or August, cover lightly, thin to 8 in. apart. Water well if dry. When leaves are 6 or 8 in. blanch by tying together near top; at approach of winter, take up with ball of earth and put in cool dry cellar. Handling of plants must be done when dry.



Endive

GREEN CURLED RUFFEC—The popular variety, one of the best salads for fall and winter use. 10c pkt., 35c oz., 1.00 $\frac{1}{4}$ lb.

FULL HEART (Florida Deep Heart)—Improved strain, larger leaf, broader, thicker, well-blanching head. 10c pkt., 35c oz., 1.00 $\frac{1}{4}$ lb.

BROAD LEAVED ESCAROLLE—A sweet variety, fall or winter. 10c pkt., 35c oz., 1.00 $\frac{1}{4}$ lb.

FENNEL FLORENCE—A bulb like enlargement at the base of the stem, frequently used as celery is sweet and anise flavored. 10c Pkt., 30c $\frac{1}{2}$ oz., 50c oz.

GOURDS FANCY VARIETY MIXED, Many odd shapes. 10c pkt.



Kohlrabi

KALE

DWARF GREEN CURLED SCOTCH—Grown for winter greens. 10c pkt., 30c oz., 90c $\frac{1}{4}$ lb.,

KOHLRABI

Sow in Spring in rows 18 in. apart, thin to 8 or 10 in., when thickened stems are 2 or 3 in. through above ground they are ready to eat and should be used at once. Cook same as turnips.

PURPLE VIENNA—10c pkt., 30c $\frac{1}{2}$ oz., .55oz., \$1.50 $\frac{1}{4}$ lb.

LETTUCE (Head)

Sow in hot beds, and in open ground as soon as it can be worked, sow again in 2 weeks for succession. Transplant in rows 8 in. apart. Cos should be started very early in hot beds, and to blanch should be tied. Lettuce requires very rich ground well pulverized, in fact, lettuce to be tender and crisp should have a rapid growth, otherwise it will be tough and probably bitter.

BIG BOSTON—About twice the size and one week later than The Boston Market, produces large, solid heads, light green leaves, slightly tinged brown, smooth.

Pkt. 10c, $\frac{1}{2}$ Oz. 20, Oz. 30c, $\frac{1}{4}$ Lb. .80.

HANSON IMPROVED—Sure header, excellent quality, very satisfactory, leaves outer green, inner white, nearly smooth.

ICEBERG—Large solid heads, crisp, good flavor, leaves outer light green, inner white, quite crumpled.

NEW YORK OR WONDERFUL—Not a forcing variety but one of the best summer lettuces, forms large heads, leaves outer dark green, inner white, quite crumpled.

IMPERIAL C847 BLACK SEEDED—Heads medium large, hard, fine, stands up well in summer weather, resists tip burn, better than Salamander.

COS OR ROMAINE WHITE PARIS,—Self-closing, an excellent variety, very crisp and tender, inside leaves bleach greenish white.



Pkt.	$\frac{1}{2}$ oz.	Oz.	$\frac{1}{4}$ Lb
.10	.25	.45	1.10
.15	.30	.55	1.50
.20	.50	.85	2.15
.10	.25	.40	1.35
.10	.20	.30	.80

LETTUCE (Leaf)

Pkt. $\frac{1}{2}$ Oz. Oz. $\frac{1}{4}$ Lb.

GRAND RAPIDS—One of the best forcing varieties, strong grower, tender, crisp and retains its freshness a long time after it is cut. Leaves loose, light green and curly.

.10 .20 .30 .80

PRIZE HEAD—Non-heading variety, very early, leaves green and red, thin, crisp, tender and curly.

.10 .20 .30 .80

LEEK

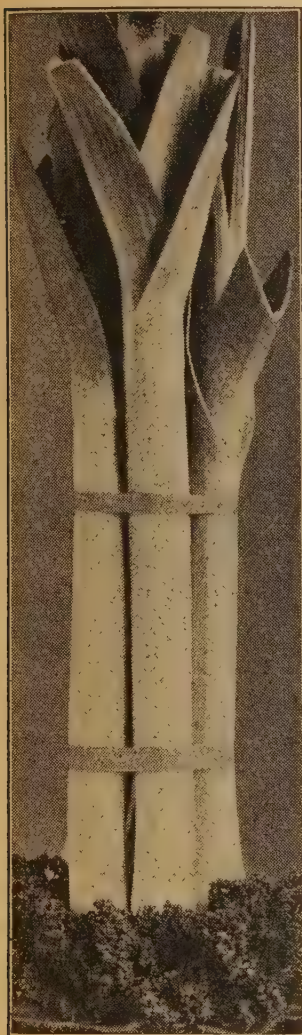
CULTURE—Sow very early in drills 6 inches apart and 1 inch deep. Thin to 1 inch. When 7 inches high, transplant in rows 12 in. apart, deep as possible without covering center leaves. Water well if dry when planted out. Draw soil up to them as they grow. Rich soil is necessary.

BROAD AMERICAN FLAG—The best variety grown, 25c pkt.,

MUSK MELON

CULTURE—Light, sandy soil, very rich, plant when ground is dry and warm, in hills from 4 to 6 feet apart each way, 10 or 12 seeds to a hill. When well up, and danger from insects is past, thin to 3 or 4 plants to hill. Pinch ends of growing shoots to induce early fruiting.

DELICIOUS,—Medium size, early, delicious flavor 10c pkt., 20c $\frac{1}{2}$ oz., 30c oz., 90c $\frac{1}{4}$ lb.



Leek

EXTRA EARLY OSAGE—Delicious flavor, flesh thick, salmon pink, 10c pkt., 20c $\frac{1}{2}$ oz., 35c oz., 1.10 $\frac{1}{4}$ lb.

ROCKY FORD,—Netted, very sweet and fine flavored, 10c pkt., 20c $\frac{1}{2}$ oz., 35c oz., 1.10 $\frac{1}{4}$ lb.

IMPERIAL No. 45,—New—very promising, fine quality, 10c pkt., 20c $\frac{1}{2}$ oz., 35c oz., 1.10 $\frac{1}{4}$ lb.



WATER MELON

CULTURE—Same as Musk Melon, only plant further apart, about 8 or 10 feet.

COLE'S EARLY,—Very early, fine quality, excellent variety for this section,

Pkt. Oz. $\frac{1}{4}$ Lb.
.10 .20 .40

NORTHERN SWEET,—Fruit small, nearly round, very deep red, crisp, sweet, good flavor and early

.10 .20 .40

CITRON,—Red Seed,—For Preserving,

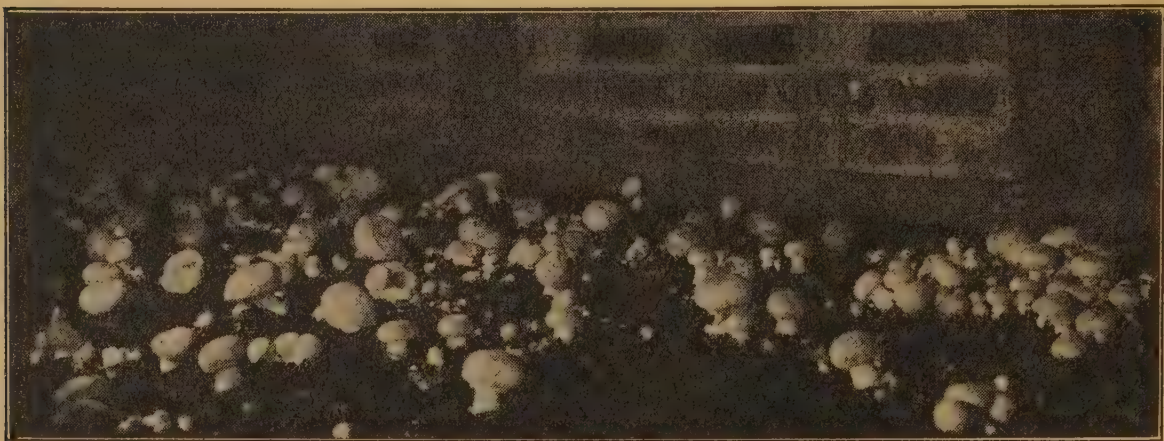
.10 .20 .40

MUSTARD

Sow thickly during early spring in shallow drills. Sow early in September for fall salad.

FORDHOOK FANCY—Mild, bright green plume like—10c pkt., oz. 15c, $\frac{1}{4}$ lb. 50c.

MUSHROOM SPAWN



A Mushroom Cellar Bed

Mushrooms are more easily cultivated than many people imagine and may be grown in any room or cellar where the temperature can be maintained at from 50 to 65 degrees. For the beds use a mixture of three parts horse droppings and one part good fresh loam. Before being placed in the bed, let the manure be put in some dry place to sweeten, mixing it thoroughly and turning it three or four times, when the loam may be added. Upon a dry firm bottom, make the bed by spreading a thin layer of the prepared mixture, pounding it firm, and continue this, till the bed is twelve inches thick. Leave it thus for about a week, or until the temperature has subsided to 85 degrees. Then make holes about ten inches apart, and put in each a piece of spawn about the size of an egg. Press the spawn firmly into the compost about two inches, leaving the top uncovered to allow the excess of heat and moisture to pass off without injury to the germs. After ten days, fill the holes and cover the whole bed with two inches of fresh loam, and over this place a few inches of straw. If the temperature is right, mushrooms will appear in six or eight weeks from the time of spawning. The bed will continue bearing from four to six weeks. If the surface of the bed becomes dry at any time, it should be moistened freely with water at a temperature of 90 to 100 degrees.

Our stock of spawn is replaced a number of times during the season and is giving excellent results.

- AMERICAN, Pure Culture—In bricks, per brick 40c. 20 bricks \$6.50.
- PURE CULTURE BOTTLE SPAWN—\$1.25 per carton. (Not carried in stock)

OKRA OR GUMBO

CULTURE.—Sow late in Spring when ground is warm, in drills 3 ft. apart, thin from 9 to 12 in. They should be well manured.

	Pkt.	Oz.	¼Lb.
DWARF WHITE VELVET,—Pods round, smooth and white, very prolific,	.10	.25	.65
DWARF GREEN,—Very early,	.10	.25	.65

ONIONS

Sow in rich light soil in drills 1 ft. apart (or wider if to be cultivated with horse). Hoe or rake frequently to keep down weeds. Use our Garden Fertilizer.

YELLOW GLOBE DANVERS—Finest Strain—This seed is grown from the earliest, and best selected onions, and is very much superior to the average seed offered.—Yellow Globe Danvers is the standard variety, good yielder, excellent keeper, 15c pkt., 30c ¼ oz., 55c ½ oz., 95c oz., \$2.85 ¼ lb.



Yellow Globe Danvers Onion



Our Selected Yellow Globe Danvers Onion Seed

ONION SEED

LARGE RED WETHERSFIELD—Large yielder, good keeper, 15c pkt., 25c $\frac{1}{4}$ oz., 45c $\frac{1}{2}$ oz., 75c oz., \$2.25 $\frac{1}{4}$ lb.

YELLOW SWEET SPANISH—Similar to Prizetaker but larger. One of the largest. Mild, white, flesh, sweet, uniform productive. Color bright straw, choice American stock, 25c pkt., 35c $\frac{1}{4}$ oz., 60c $\frac{1}{2}$ oz., \$1.00 oz.

SOUTHPORT WHITE GLOBE—Large, firm, finegrained mild flavor, 15c pkt., 25c $\frac{1}{4}$ oz., 50c $\frac{1}{2}$ oz., 95c oz., \$2.50 $\frac{1}{4}$ lb.

SOUTHPORT YELLOW GLOBE,—Same as White except in color, 15c pkt., 25c $\frac{1}{4}$ oz., 50c $\frac{1}{2}$ oz., 95c oz., \$2.50 $\frac{1}{4}$ lb.

WHITE PORTUGUAL OR SILVERSKIN—A flat white onion, fine grained, mild flavor, good for pickling and bunching, good keeper, 15c pkt., 25c $\frac{1}{4}$ oz., 50c $\frac{1}{2}$ oz., 95c oz., \$2.50 $\frac{1}{4}$ lb.

EXTRA EARLY RED GLOBE—Ten days earlier than Southport Red Globe, color beautiful bright red 15c pkt., 25c $\frac{1}{4}$ oz., 50c $\frac{1}{2}$ oz., 95c oz., \$2.50 $\frac{1}{4}$ lb.

ONION SETS

YELLOW EBENEZER—1 lb. 25c.

WHITE—1 lb. 25c.

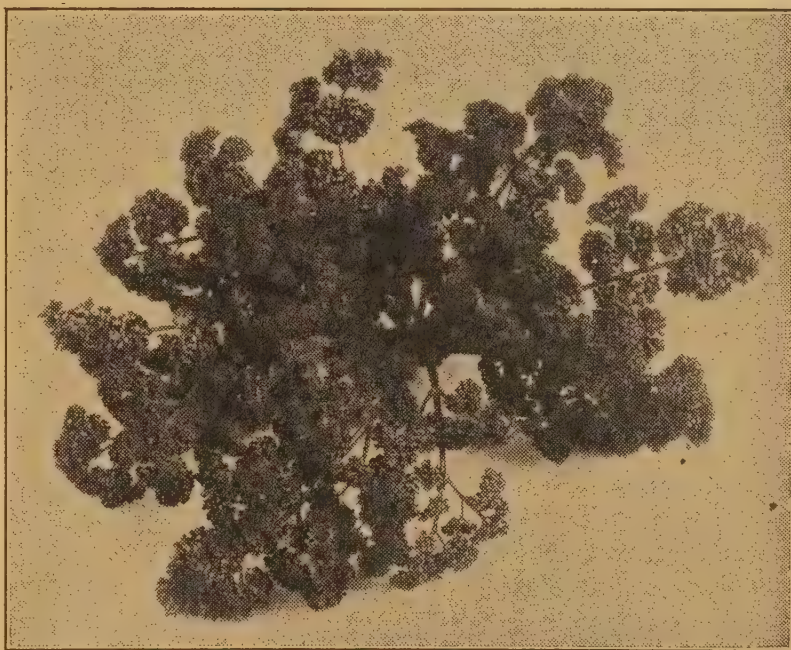
Price subject to change

PARSLEY

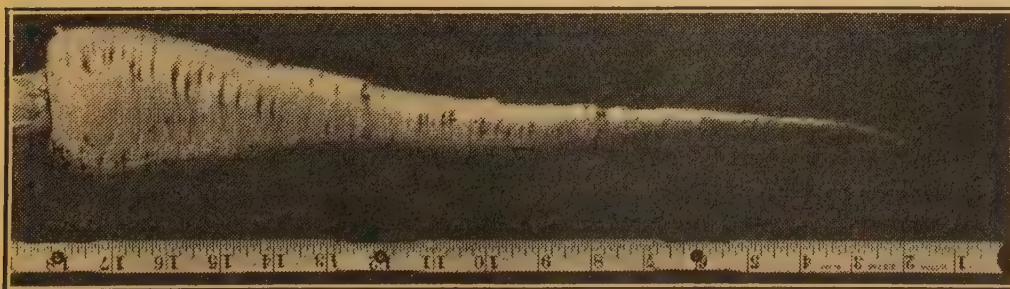
Sow early, and until the middle of July in drills 1 ft. apart. Thin to 4 in. For winter use, transplant to light cellar.

CHAMPION MOSS CURLED—Beautifully crimped and curled 10c pkt., 30c oz., 85c $\frac{1}{4}$ lb.,

FERN LEAVED—Has a feathery, fern-like appearance, 10c pkt., 30c oz., 85c $\frac{1}{4}$ lb.



Champion Moss Curled Parsley



PARSNIP

Sow in drills 18 in. apart as soon as ground can be worked in Spring in rich soil, well and deeply dug. Thin to 6 or 8 in. Keep weeds down.

LONG SMOOTH WHITE,—Standard variety, long, smooth, white roots,

HOLLOW CROWN,—An excellent variety, fine quality,

Pkt.	Oz.	$\frac{1}{4}$ lb.
.10	.15	.50
.10	.15	.50

PEAS

For peas, light dry soil is best. Sow as early as ground can be worked, and again every ten days for succession. Peas may be sown as late as August 15th. Medium and late peas must be planted early. Early peas may be planted early or late, and the extra early very late. Sow in single or double rows, according to variety, and about an inch apart in the row. Hoe often, keep ground clean and fine. Most dwarf peas will bear better if bushed enough to keep them from the ground. If the pea louse attacks the vines, spray every day with tobacco water of the same temperature as the atmosphere, using force.



Hundredfold Peas

Extra Early Dwarf Varieties

	Height in ft.	½ lb.	1 lb.	2 lbs.	5lbs.
EARLY DWARF—A new, very early, wrinkled variety, one of the best of the dwarf peas,	2	.25	.45	.80	1.75
WORLD'S RECORD—A new, very early, large peas and pod, good quality,	2	.25	.45	.80	1.75
★ HUNDREDFOLD—The best of the extra early large podded dwarf varieties,	1 ½	.25	.40	.70	1.60
★ LAXTON'S PROGRESS—The earliest large podded dwarf pea, dark green peas of high quality,	1 ½	.25	.40	.70	1.60

Extra Early Varieties—Not Dwarf

	Height in ft.	½ lb.	1 lb.	2 lbs.	5 lbs.
EXTRA EARLY—One of the very earliest peas grown, ripens evenly, pods well filled, in quality and productiveness it is fully equal to any of the early smooth sorts,	3	.25	.45	.80	1.75
GRADUS—(Prosperity),—One of the finest extra early peas yet introduced. It is in condition to pick about five days after our Extra Early, pods large, well filled with wrinkled deep green peas,	2 ½	.25	.40	.70	1.60

★ Particularly suitable for quick freezing.

PEAS—(Continued)—Second Early Varieties

	Height in feet	½ lb.	1 lb.	2 lbs.	5 lbs.
★ THOMAS LAXTON —Very early and productive, pods large, finest flavor, the best for general garden planting	3	.25	.45	.80	1.75

Tall Late Varieties

- ★ **ALDERMAN**—Extra large dark pods, filled with large wrinkled peas of fine flavor, very productive, 4 ft., ½ lb. 25c, 1 lb. 45c, 2 lbs. 80c, 5 lbs. \$1.75.
- ★ **No. 40**—New, large pods, excellent quality—wilt resistant. One of the best mid-season variety, 3 ft., ½ lb. 25c, 1 lb. 45c, 2 lbs. 80c, 5 lbs. \$1.75.
- ★ **IMPROVED TELEPHONE**—Very fine strain, pods very large, dark green, well filled, quality excellent, 4 ft., ½ lb. 25c, 1 lb. 45c, 2 lbs. 80c, 5 lbs. \$1.75.



CANADA FIELD,—Principally sown for feeding stock, 10c per lb.

PEPPERS

CULTURE.—Sow in hotbeds in March, when soil is warm, set in rows 2 ft. and 18 in. in the row. Hoe frequently.

	Pkt.	½Oz.	Oz.	¼Lb.
LARGE BELL OR BULL NOSE —A favorite, large, mild, red,	.10	.35	.60	2.25
LONG RED CAYENNE —Small, long, bright red, extremely strong,	.10	.35	.60	2.25
CALWONDER —Early, prolific, large, mild and sweet,	.20	.50	.85	



Bullnose Pepper

RED CHERRY —Hot. Cherry-shaped, for pickles, pkt. 20c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.50.

WORLD BEATER PEPPER—Large, smooth, flesh thick and mild, pkt. 20c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.50.

★ Particularly suitable for quick freezing.

POTATOES

Certified Seed Potatoes

Grown in the northern part of Aroostook County on the Canadian Border



PRICES SUBJECT TO CHANGE

100 lb.
7 1/2 Lb. 15 Lb. 60 Lb. Sack

CERTIFIED CHIPPEWA , — New type—White, light clear skin. Flater and more oval than Green Mt., follows Irish Cobbler in maturity.	.50	.90	3.00	4.50
CERTIFIED IRISH COBBLER ,—The Cobbler is one of the earliest grown, skin creamy white, flesh white, and of excellent quality—heavy cropper.	.50	.90	3.00	4.50
CERTIFIED GREEN MOUNTAIN ,—A well known late variety, white flesh, oval form, excellent quality, heavy yielder. a fine keeper.	.50	.90	3.00	4.50
CERTIFIED KATAHDIN ,—Late or Maine Crop Potato, shallow eyes, white skin, good keeper and superior quality. Matures after Green Mt.	.50	.90	3.00	4.50
CERTIFIED SEBAGO —Late, oval, bright skin, shallow eyes, resistant to blight tuber rot.	.50	.90	3.00	4.50



One ton of High Grade Fertilizer per acre is the usual amount used in Aroostook County, Maine. Spraying is thoroughly done about every two weeks for prevention of blight.

The Potatoes shown in cut were raised from our Maine Grown Seed, the crop was uniform, heavy, and of excellent quality.

PUMPKINS

CULTURE—Same as for squash, or may be planted with corn.

CONNECTICUT FIELD — The popular one for general crop, usually grown in corn fields for stock. Pkt. 10c, oz. 20c, 1/4 lb. 55c.

KING OF THE MAMMOTHS—Very large, round, flat, yellow. Pkt. 10c, oz. 30c, 1/4 lb. \$1.00

SWEET OR SUGAR — Small, round, yellow, excellent for pies. Pkt. 10c, oz. 20c, 1/4 lb. 55c



PLANNING YOUR VEGETABLE GARDEN

THE GARDEN PLAN

Because of the need and the scarcity of certain garden supplies, it is essential that the home garden should be planned with care. The primary purpose of a vegetable garden today should be to provide the maximum food crop. Plan intelligently, garden diligently and be faithful to the task through the year. The garden should be planned for the particular family it is to serve and the needs and preference of the family should be the guide for its making. Prepare an early, definite and detailed plan. It can easily be changed if necessary and the advantages will be many. You will make greater use of the area with less waste of seed, a more complete succession of crops, as well as a better appearing garden. In addition, you will know when and how to plant. (The charts on the following pages, specially revised for this area, will be of help in planning your vegetable garden.)

TYPES OF GARDENS

From the important standpoint of becoming self sustaining the ideal **Complete garden** would be one that will supply the family budget with **Summer** vegetables with some for **canning** and **storage** in sufficient quantities for year round use. A **Semi-Complete** garden might be planned to provide for **Summer eating** and **canning** where storage is impractical. **Vegetables** from the **fresh-eating garden** would supply crops only for Summer use.

The beginner should especially consider the ease of culture, heavy production, and those crops that will help to produce a balanced diet. In times of emergency people want the most for their money. With this in mind, crops that are specially recommended for Berkshire include **tomatoes, snap beans, carrots, cabbage, lettuce, Swiss chard, spinach, and beets**; if sufficient space is available plant **sweet corn**.

LOCATION AND THE PREPARATION

One usually has to use the size and location that is available. However, here are points to keep in mind. It is important that a **sunny area** be chosen. The plot should **not** be near trees. Do not plant more than can be **properly handled**. Make certain that the plot has sufficient **loam** and **good drainage**. If in doubt, consult your local Home Garden Committee.

Thorough soil preparation is essential. The garden should be plowed or spaded to a depth of at least **eight inches**. The top should be thoroughly disked and raked to break up the lumps and smooth the seedbed. A little extra care in preparing the soil at this time will save much labor later. Most vegetables will **not** grow well in soils that are **acid**. The most accurate method of checking is to have a soil sample tested by your county agent or some other qualified agency. However, in general with acid soil it is sound practice to apply magnesium limestone every three years at the rate of 25 to 40 pounds per 1000 square feet of garden. A good way to improve the soil is to apply barnyard manure at the rate of a tipcart load per 1000 sq. ft. This can be supplemented with superphosphate or **commercial Fertilizer** at the rate of 20 to 30 pounds per 1000 square feet. If manure is not available commercial Fertilizer should be used at the rate of 40 to 50 pounds per 1000 square feet.

IMPORTANT POINTS

The garden should be **cultivated** frequently to keep down weeds and keep the soil in good tilth. Insect pests and plant diseases must be controlled. Every gardener should have a hand duster or sprayer to combat efficiently the many diseases and insects which are common to garden crops. For more complete information on the Home Garden see Extension Leaflet No. 59, "The Home Garden", and Extension Leaflet No. 171, "Pest Control In The Home Garden". These leaflets may be obtained from your local Home Garden Committee or from the Berkshire County Extension Service.

CONCLUSION

(1) **Don't** start what you can't finish. (2) **Don't** waste good seed on bad soil. (3) **Don't** work ground too soon. (4) **Don't** run rows up and down a hill. (5) **Don't** use too much seed. (6) **Don't** plant too much of one thing. (7) **Don't** let the tall crops shade out the **short ones**. (8) **Don't** cultivate too deeply and injure delicate roots. (9) **Don't** let weeds have a **start**. (10) **Don't** let the bugs beat you to it. (11) **Don't** let anything go to waste.

ESSENTIAL FACTS FOR VEGETABLE CROPS FOR BERKSHIRE COUNTY

Revised from Massachusetts Extension Leaflet No. 59 by Frank Skogsberg, Berkshire County Extension Service;

A. Kenneth Simpson, Berkshire Garden Center; Arthur M. Howard, Pittsfield, Mass.

CROP	VARIETY	AMOUNT OF SEEDS OR PLANTS PER 100 FT. ROW	DATES SEEDS OR PLANTS MAY BE PLANTED	INCHES BETWEEN ROWS	INCHES BETWEEN PLANTS	DEPTH PLANTING INCHES	DAYS TO MATURITY	REMARKS
Asparagus.	Washington.	.66 roots.	Apr. 15-May 15.	36-48.	18.	8-10.	3 years.	Plant only best 1 yr. old root
*Beans								
Bush	Stringless Greenpod.	1 lb.	May 20-June 1-July 1.	30.	2-4.	1.	40-60.	
	Pencil pod Wax.	1 lb.	May 20-June 1-July 1.	30.	2-4.	1.	40-60.	
	Bountiful.	1 lb.	May 20-June 1-July 1.	30.	2-4.	1.	40-60.	
Shell.	Dwarf Horticultural.	1 lb.	May 20-June 1-July 1.	30.	2-4.	1.	75-85.	
Line.	Fordhook Bush.	1 lb.	May 20-June 1.	30.	2-4.	1.	75-80.	
Pole.	Kentucky Wonder.	½ lb.	May 20-June 1.	36.	24 hills.	1.	65-75.	Use 4 plants to one pole
*Beets.								
	Crosby Egyptian.	1 oz.	Apr. 15-July 1.	12-15.	2-4.	½.	60-70.	Use thinnings for greens. For early crop plant as soon as land can be worked
	Detroit Dark Red.		Apr. 15-July 1.					6 or 8 plants enough for family
Broccoli.	Italian Green Sprouting.	¼ oz. or 50 plants.	†May 15-July 15.	36.	18.	½.	60-65.	
Cabbage								
Early.	Golden Acre.	¼ oz. or 66 plants.	†Apr. 1-July 15.	24.	18.	½.	60-70.	Sow seed June 1, transplant July 1-10
Late.	Danish Ballhead.	¼ oz. or 50 plants.	†June 1-July 1.	36.	24.	½.	100.	
	Drumhead Savoy.		†June 1-July 1.					
*Carrots.								
	Coreless.	¼ oz.	Apr. 15-July 1.	12-15.	2-4.	½.	70-75.	Coreless for early. For early crop plant as soon as land can be worked
	Danvers Half Long.		Apr. 15-July 1.					Danvers for storage
Cauliflower.	Snowball.	¼ oz. or 60 plants.	Apr. 15-July 1.	30.	18-24.	½.	50-60.	Set plants in April or July 1st. For early set plant as soon as land can be worked
Celery								
Early.	Golden Plume.	1 pkt. or 600 plants.	May 1-May 15.	24-30.	6-8.	¼.	115-120.	Blanch with paper or boards
Late.	Pascal.	1 pkt. or 600 plants.	May 1-July 1.	30.	6-8.	¼.	120-125.	Bank with soil or store for winter. Sow seed May 1st, transplant July 1st
*Sweet Corn								
Early.	Golden Hummer.	¼ lb.	May 20-June 15.	30.	24 hills.	1.	70-80.	Plant 3-4 plants per hill
Late.	Golden Bantam.	¼ lb.	May 20-June 15.	36.	24 hills.	1.	90.	Make 2 or 3 plantings at 2 week intervals
	Golden Cross Bantam.		May 20-June 15.					
Cucumbers.	Early Fortune and Long Green.	½ oz.	May 20-June 1.	48.	48 hills.	½.	60-65.	3-4 plants per hill
*Lettuce.								
	White Big Boston.	¼ oz.	Apr. 15-July 15.	12-18.	10-15.	¼.	75-85.	Plant New York only in April and set plants if possible
	New York No. 12.		Apr. 15-July 15.					
	Grand Rapids.		Apr. 15-July 15.					
Onions.								
	Danvers Yellow Globe.	1 oz.	†Apr. 15-May 15.	13-15.	2-3.	¼.	100-120.	Can be used for green onions
	Japanese Sets.	2 qts.	†Apr. 1-June 1.	13-15.	2-3.	1-2.	85-90.	
Paranip.	Hollow Crown.	½ oz.	May 15-June 1.	24.	2-4.	½.	120-125.	
*Peas								
Early.	Laxton's Progress.	1 lb.	Apr. 1-May 25.	30.	1-2.	1-2.	60-65.	Must be brushed
Late.	Telephone.	1 lb.	Apr. 1-May 25.	36.	1-2.	1-2.	75-80.	
Peppers.	World Beater.	1 pkt. or 60 plants.	May 25-June 15.	30.	12-18.	½.	70-75.	Start seed in hotbed
Potatoes								
Early.	Irish Cobbler.	½ pk.	May 1-June 15.	30.	12.		85-110.	
Late.	Green Mountain.		May 1-June 15.					
*Radishes.	Scarlet Globe.	1 oz.	Apr. 1-Aug. 15.	12.	1.	¼.	25-28.	Plant frequently in small amounts
Rhubarb.	Victoria.	50.	Apr. 15-May 15.	36.	24.	3-4.	1 year.	Crowns covered 3"-4"
*Spinach.	Long Standing, King of Denmark	1 oz.	†Apr. 1-Aug. 15.	12.	1-2.	¼.	40-45.	Shoots to seed in July and August
	Summer Savoy.		†Apr. 1-Aug. 15.					
Squash								
Summer.	Straightneck.	½ oz.	May 20-June 1.	48.	48 hills.	½.	55-60.	3-4 plants per hill
Fall.	Des Moines (Table Queen).	½ oz.	May 20-June 1.	72.	60 hills.	½.	55-60.	3-4 plants per hill
Winter.	Delicious.	½ oz.	May 20-June 1.	120.	36 hills.	½.	100-110.	3-4 plants per hill
	Hubbard.		May 20-June 1.					
Tomato.								
	Bonny Best.	1 pkt. or 133 to 50 plants.	May 15-June 15.	36.	24.	¼.	70-75.	Start in hotbed Mar. 1-15. Stake and prune to one stem. Cover to protect from frost
	Beauty.		May 15-June 15.					
	Rutgers.		May 15-June 15.					
	Marglobe.		May 15-June 15.					
*Turnip.	Purple Top.	¼ oz.	†Apr. 15-July 15.	30.	2-4.	¼.	55-60.	
Rutabagas.	American Purple Top.	¼ oz.	June 1-July 1.	36.	4-6.	¼.	75.	

•Make several plantings. Do not plant too much at one time.
for as soon as land can be worked.
150 if staked—33 if not staked.

SIX CROP GARDEN FOR FAMILY OF FIVE

This garden will take 5,000 square feet of space. To grow recommended amounts to give adequate vegetable supply for eating fresh, for canning, and for storage.*

	EAT FRESH		CANNED		STORED		SEED & PLANT
	Lbs.	Ft. row	Lbs.	Ft. row	Lbs.	Ft. row	
Lettuce, early	50	150					150 plants
Lettuce, late	50	150					½ oz.
Beans, snap.....	75	150	100	200			4 lbs.
Carrots, early	75	150	50	100			1 oz.
Carrots, late	50	75	50	100	200	400	2 oz.
Cabbage, early	75	150					48 plants
Cabbage, late	50	100			200	400	2 pkts.
Greens: Chard	50	100	75	150			2 oz.
Spinach	50	100	75	150			½ lb.
Tomatoes	150	100	375	200			150 plants (staked)

SIX CROP GARDEN FOR TWO ADULTS

This garden will take 2,000 square feet of space. To grow recommended amounts to give adequate vegetable supply for eating fresh, for canning, and for storage.*

	EAT FRESH		CANNED		STORED		SEED & PLANT
	Lbs.	Ft. row	Lbs.	Ft. row	Lbs.	Ft. row	
Lettuce, early	20	60					60 plants
Lettuce, late	20	60					½ oz.
Beans, snap.....	30	60	40	80			2 lbs.
Carrots, early	30	60	20	40			½ oz.
Carrots, late	20	30	20	40	80	160	1 oz.
Cabbage, early	30	60					18 plants
Cabbage, late	20	40			80	160	1 pkt.
Greens: Chard	20	40	30	60			1 oz.
Spinach	20	60	30	60			3 oz.
Tomatoes	60	40	150	80			60 plants (staked)

*Late lettuce from seed sown in garden, Late cabbage from seed sown in garden, Late crop of spinach in bean area, Late cabbages follow lettuce.

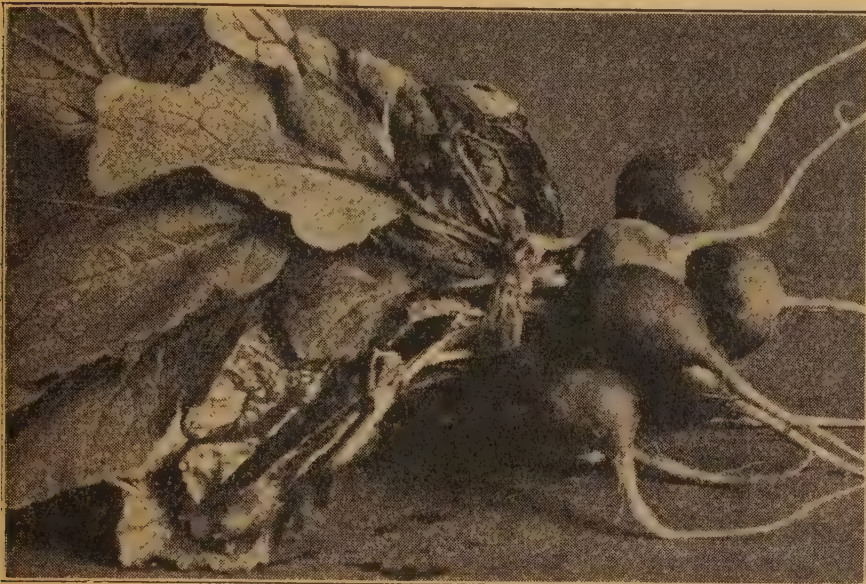
TABLE I

Vegetables as sources of vitamins, minerals, and energy†

Kind of vegetable	Vitamin A	Thiamine Vitamin B	Ascorbic acid Vitamin C	Riboflavin Vitamin G	Calcium	Iron	Energy value
							<i>Calories pound</i>
Beans, lima (green)		Excellent		Good		Excellent	595
Beans, snap.....	Excellent	Good	Good		Good	Good	190
Beet greens.....	Excellent			Excellent		Excellent	150
Cabbage.....		Good	Excellent	Good	Good		130
Carrots.....	Excellent	Good		Good	Good		205
Chard.....	Excellent				Excellent	Excellent	115
Collards.....	Excellent	Good	Excellent	Good	Excellent	Good	225
Corn, sweet.....		Good					510
Kale.....	Excellent	Good	Excellent	Excellent	Excellent	Excellent	225
Lettuce, green.....	Excellent	Good		Good	Good	Good	85
Parsnips.....		Good	Good		Good		380
Potatoes.....		Good	Good				385
Spinach.....	Excellent	Good	Excellent	Good		Excellent	110
Squash, Hubbard.....	Excellent						200
Sweet Potatoes.....	Excellent	Good	Good				565
Tomatoes, red.....	Excellent	Good	Excellent				105
Turnip greens.....	Excellent	Good	Excellent	Excellent	Excellent	Excellent	165
Turnips, white.....			Excellent		Good		155

†Data of the Bureau of Home Economics.

RADISH Sow as soon as ground is dry, in rows 8 to 12 in. apart, and every 10 days after for succession, up to middle of June. Light, rich soil.



CRIMSON GIANT,—Grows large, one of the best, intermediate in season, 10c pkt., 20c oz., 50c $\frac{1}{4}$ lb.

EARLY ROUND DARK RED,—Early, pleasant flavored, 10c pkt., 20c oz., 50c $\frac{1}{4}$ lb.

EARLY SCARLET TURNIP,—Popular, quick grower, mild flavor, 10c pkt., 20c oz., 50c $\frac{1}{4}$ lb.

SCARLET TURNIP, WHITE TIPPED—Very early, fine quality, 10c pkt., 20c oz., 50c $\frac{1}{4}$ lb.

FRENCH BREAKFAST—Olive-shaped, white-tipped, popular,

SCARLET GLOBE—One of the earliest, good for forcing or open ground culture, crisp and tender,

LONG SCARLET SHORT TOP—The old favorite,

LONG ICICLE—Pure white, fine flavor,

Pkt.	Oz.	$\frac{1}{4}$ Lb
.10	.20	.50

.10	.20	.50
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.10	.20	.50
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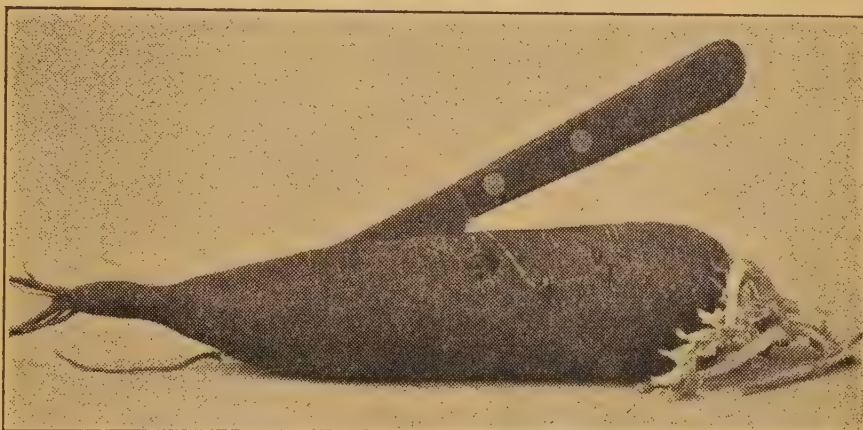
.10	.20	.50
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Winter Radishes

ROUND BLACK SPANISH—Skin black, globe-shaped, tender. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 60c.

LONG WHITE SPANISH—Skin white, mild.. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 60c.

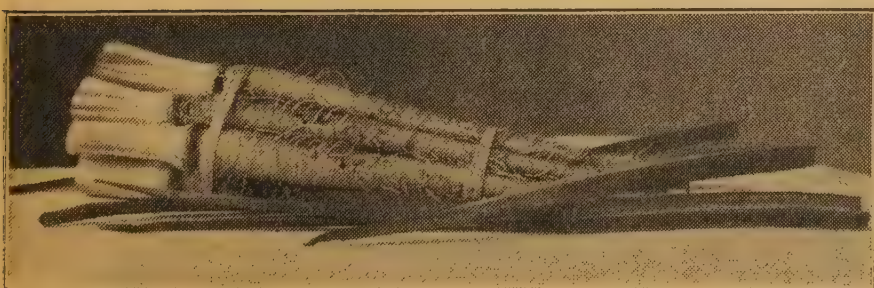
ROSE CHINA WINTER—Rose-colored skin, flesh white, quality excellent, Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 60c.



RHUBARB Sow seed in March in cold frame, keep from freezing, transplant to open ground in about 8 weeks, in rows 12 in. apart each way. The following spring transplant to 4 or 5 feet apart each way. Ground should be very rich. Cover in fall with rich dressing of coarse manure, spade under in the spring.

LINNEAUS GIANT—A popular variety, rich, red color stalks thick, large and tender, 10c pkt., 50c oz.

SALSIFY OR VEGETABLE OYSTER



Sow as early as ground can be worked in spring, in drills 12 in. apart, 1 in. deep. Thin to 2 in. in row. Cultivate and treat as parsnips.

MAMMOTH SANDWICH ISLAND—The best variety, 20c pkt., 60c oz., \$2.00 $\frac{1}{4}$ lb.



New Zealand Spinach

- ★ **KING OF DENMARK**—Slow to go to seed, leaves large, dark green, crumpled, round and thick, excellent quality, quick grower. 10c pkt., 25c oz., 70c $\frac{1}{4}$ lb., \$1.15 $\frac{1}{2}$ lb.
- ★ **THICK-LEAVED ROUND**—One of the best, leaves large, thick, crumpled, Pkt. Oz. $\frac{1}{4}$ Lb. $\frac{1}{2}$ Lb.
.10 .15 .40 .75
- ★ **PRICKLY WINTER**—Leaves are large, broad, arrow-shaped, and dark green, .10 .15 .40 .75

NEW ZEALAND—Grows well during the hot weather. Seed should be soaked in warm water before sowing. For eating cut only end of growing tips, after cutting, new side shoots develop ready for recutting in few days. Pkt. 10c, $\frac{1}{2}$ oz. 15c, 1 oz. 20c, $\frac{1}{4}$ lb. \$.50.

SQUASH Summer Varieties

Sow in hills same time and manner as cucumbers and melons, the bush varieties 3 to 4 feet and running 6 to 9 feet.

COCOZELLE—Long—Italian marrow Type dark green, light green stripes, early. 10c pkt, 30c oz, 80c $\frac{1}{4}$ lb, 2.25 lb.

WHITE BUSH SCALLOP—Very early, good shipper, 10c pkt., 30c oz., 80c $\frac{1}{4}$ lb., 2.25 lb.

YELLOW BUSH SCALLOPED.—Same as above, excepting color, 10c pkt., 30c oz., 80c $\frac{1}{4}$ lb., 2.25 lb.

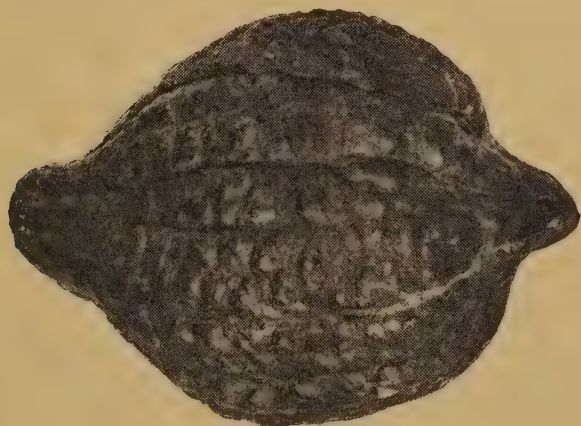


Giant Summer Crookneck Squash

GIANT SUMMER CROOKNECK BUSH,—The favorite summer variety, 10c pkt., 30c oz., 80c $\frac{1}{4}$ lb., 2.25 lb.

GIANT SUMMER STRAIGHTNECK,—Similar to Crookneck but with a straight neck, 10c pkt., 30 oz., 80c $\frac{1}{4}$ lb., 2.25 lb.

VEGETABLE MARROW,—Summer and fall variety, outside yellow, flesh white, 10c pkt., 30 oz., 80c $\frac{1}{4}$ lb., 2.25 1 lb.



Fall and Winter Varieties

- | | Pkt. | Oz. | $\frac{1}{4}$ Lb. | Lb. |
|--|------|-----|-------------------|------|
| BOSTON MARROW ,—Fine fall variety, oval, bright orange, | .10 | .25 | .75 | 2.00 |
| BUTTERNUT —15c Pkt., 40c oz., \$1.25 4 oz. Heavy yielding 6 to 9" long with small bulb and solid neck. Flesh fine, sweet excellent for pies. Skin tan and smooth. | | | | |
| DELICIOUS ,—Green skin, orange flesh, fine grained, sweet and dry, | .10 | .35 | 1.00 | 3.00 |
| IMPROVED HUBBARD ,—The leading variety, fine grained, dry, excellent flavor, | .10 | .30 | .75 | 2.00 |

BLUE HUBBARD,—Similar to the Improved Hubbard but having a hard blue shell, excellent quality, .10 .30 .75 2.00

TABLE QUEEN OR DES MOINES—Acorn shaped fruits with a thin dark green shell. Light yellow flesh. Splendid for baking, 10c pkt., 30c oz., .75 $\frac{1}{4}$ lb., 2.00 lb.

★ Particularly suitable for quick freezing.

“Our Seeds are Northern Grown, None Better at Any Price.”



TOMATO

Sow thinly in March in hotbed or in boxes in the house; when 2 inches high set out plants four inches apart or pot singly. Plant out about June 1st. Set deeply 4 feet each way. Make hills rich. Support with frame work or train to stakes.

	Pkt.	½Oz.	Oz.	¼Lb.
SCARLET DAWN—Takes the place of Earliana, a better tomato. Globular, smooth, bright scarlet,	.15	.45	.80	2.15
BEAUTY (Livingston’s)—Large, smooth, solid, purplish red,	.10	.45	.80	2.15
BONNY REST—Week earlier than Chalk’s Early Jewel, bright red, round and solid,	.10	.45	.80	2.15
CHALK’S EARLY JEWEL,—New, large, solid, smooth, bright red, very early,	.10	.45	.80	2.15
JOHN BAER—Early, productive, round and solid, crimson,	.10	.45	.80	2.15
MARGLOBE—Second early, fruit large, smooth, globular, meaty and almost coreless, red and very productive,	.10	.45	.80	2.15
PONDEROSA—One of the largest, solid, good flavor, bright red,	.15	.50	.90	3.25
RUTGERS (Certified)—Globular, bright red, thick walls, one of the best for eating and canning,	.15	.45	.80	2.15

POTTED TOMATO PLANTS in season

Large stock of Livingston’s Beauty, Certified Rutgers, Scarlet Dawn



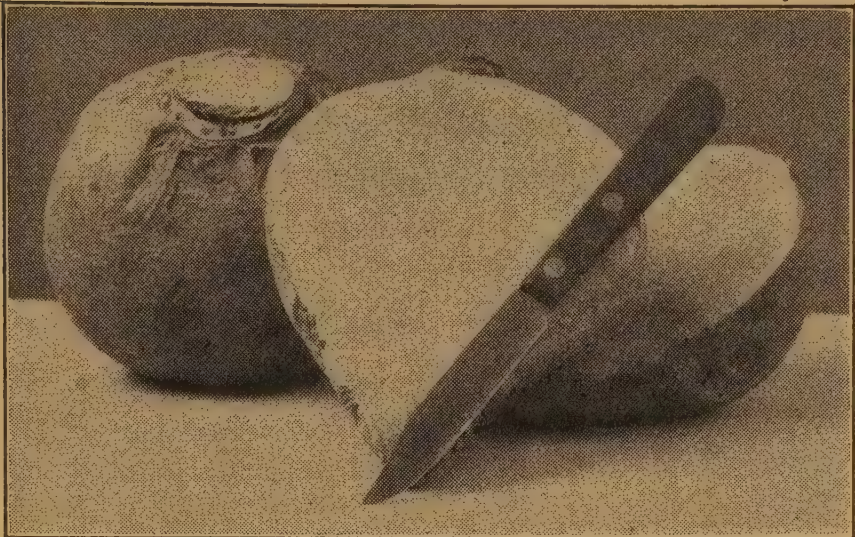
TURNIP

For early turnips sow soon as ground can be worked. For fall and early winter sow from middle of July to August. Sow Ruta Bagas in June or early in July in drills 18 in. part; thin from 6 to 9 inches; soil should be rich and well worked. The early varieties may be sown broadcast, but Ruta Bagas should be sown in drills.

	Pkt.	Oz.	¼Lb.	Lb.
SEVENTOP—Greens only	.10	.20	.50	1.60
EARLY SNOWBALL—Round, medium size, fine quality,	.10	.20	.50	1.60
EARLY WHITE FLAT DUTCH—Sweet and fine grained,	.10	.20	.50	1.60
LONG WHITE COWHORN—Roots carrot shaped, flesh firm, white and sweet,	.10	.20	.50	1.60
PURPLE TOP WHITE GLOBE—Excellent quality,	.10	.20	.50	1.60
IMPROVED GOLDEN BALL—An excellent table variety, round, yellow fleshed, sweet and solid,	.10	.20	.50	1.60
WHITE EGG—Good yielder, flesh firm, fine grained and sweet,	.10	.20	.50	1.60
AMBER GLOBE (Yellow)—Best for general crop, grows large, good keeper,	.10	.15	.35	1.25

TURNIP—(Continued)

Ruta Baga or Swedish Turnip



IMPROVED AMERICAN
PURPLE TOP—

The favorite yellow fleshed winter turnip, 10c pkt., 15c oz., 35c ¼lb., \$1.00 lb.

LONG ISLAND PURPLE TOP,—One of the best, flesh yellow, solid, sweet. 10c pkt., 15c oz., 35c ¼lb., \$1.00 lb.

SHAMROCK SWEDE,—An excellent yellow fleshed variety, 10c pkt., 15c oz., 35c ¼lb., \$1.00 lb.

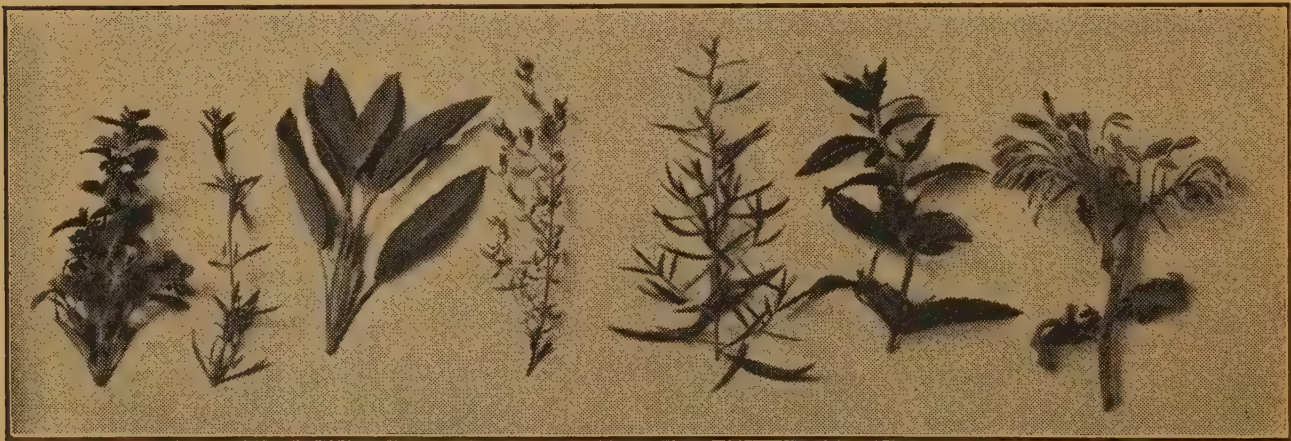
SWEET RUSSIAN (White Swede)—A fine sweet winter variety, good keeper, 10c pkt. 15c oz., 35c ¼ lb., \$1.00 lb.

VEGETABLE ROOTS

ASPARAGUS ROOTS,—See page 2.

HORSE RADISH ROOTS, Maliner Kren—Cut in pieces50c per doz., \$2.75 per 100

HERBS



	Pkt.	½Oz
BORAGE—For salads. . . . .	.20	.60
CORIANDER—Used in flavoring cookies, cakes, stuffings, sausages and confec- tionery . . . . .	.15	.30
DILL—For flavoring. . . . .	.10	.35
FENNEL (Florence or Finocchio) like celery, is sweet and anise flavored. . . . .	.10	.25
MARJORAM, SWEET—Sweet scented for bags and powder, used in salads and for seasoning meats, poultry, cheese. . . . .	.10	
SAGE. . . . .	.10	
SAVORY, SUMMER—For flavoring. . . . .	.10	

FLOWER SEEDS—10c per Pkt. Unless otherwise marked

AGERATUM—Blue Perfection—Annual 12 in. Fluffy flowers. Very fine for cut flowers. Lavender blue.

ALYSSUM—Carpet of Snow—Hardy annual 4 in. Excellent for porch, window boxes, baskets, rockeries, and borders. White fragrant flowers.

ALYSSUM HARDY—Perennial 6 in.—clear yellow—attractive edging plant.

ARCTOTIS—Blue-Eyed African Daisy striking in bed or border. Annual 2 ft. White with dark blue center.

ASTER—American Branching, mixed colors—Annual 30 in. beautiful flowers on long stems. Wilt Resistant. Red, pink, lavender and white.

ASTER—Heart of France—Annual—Ruby red. Wilt Resistant. 24 in. branching.

ASTER—Ostrich Plume Mixed—Half hardy annual—24 in. Mixed colors. Chrysanthemum in form. Wilt Resistant.

ASTER—Shell pink. Annual 24 in. Branching pink.

BACHELOR'S BUTTON—Double Blue. Hardy Annual 2 ft., deep blue variety, splendid for bouquets.

BACHELOR'S BUTTON—Jubilee Gem. Hardy Annual 12 in. Sapphire blue. Double flowers—Pretty in borders.

BACHELOR'S BUTTON—Double Mixed—Hardy Annual 2 ft., same as above except mixed colors.

BALSAM (Lady Slipper)—Hardy annual, 18 in.

BALSAM—Mixed—Annual 18 in. double flowers. Red, pink, salmon, white.

***BEANS—Scarlet Runner**, Annual 10 ft. Climber, beautiful vine with bright scarlet flowers.

CALENDULA—Double mixed. Hardy annual 14 in. Yellow and orange.

CALENDULA—Orange King, Annual 18 in., deep orange colored flowers.

CALENDULA SUNSHINE—Annual 18 in. Chrysanthemum shaped flowers of bright golden yellow.

CALLIOPSIS—Tall Mixed Annual 20 in., daisy like flowers, mahogany, orange, gold.

CANDYTUFT—Hyacinth Flowered Annual 1 ft., very effective when grown in mass. Fine for cutting. White.

CANDYTUFT—Mixed—Hardy Annual 8 in. Pretty edger. Lavender, pink, white.

CANTERBURY BELL—Hardy mixture—Hardy Biennial 2 ft., glorious bell shaped flowers blue, pink and white.

***CASTOR BEAN RICINUS**—Annual 10 ft., leaves glossy green, brown or bronzed metallic hue with long spike of scarlet and green seed pods.

CARNATION—Chabaud Giant Mixed. 15 in. hardy annual. Flowers large, beautiful and delightfully fragrant.

CENTAUREA (Dusty Miller)—Silvery foliage for edging and borders.

CHRYSANTHEMUM—Annual mixed. 20 in. Daisy like flowers. Bronze, orange, yellow, white.

CLARKIA—Double mixed—Annual 2 ft.; a pretty and easily grown annual; buds open well in water. Carnation like flowers.

COCKSCOMB—Tall feathered mixed—Annual 3 ft. Long stems brilliant crimson flowers of silky wool. Crimson and yellow.

COLUMBINE—Long spurred mixed—Perennial 2 ft. Prized for cutting. All colors lovely star-shaped flowers.

COREOPSIS—Mayfield Giant. Perennial 2 ft.—brilliant deep golden yellow flowers.

**Antirrhinum**

FLOWER SEEDS—10c per Pkt. Unless otherwise marked

COSMOS—Sensation. Mixed Annual 4 ft. Very large beautiful flowers. Pink and white.

COSMOS—Orange Flare. Annual 3 ft. Clear golden orange.

CYNOGLOSSUM—Firmament. Hardy Annual 15 to 20 in. Bright indigo-blue flowers, good for cutting, beds and borders.

DAHLIA—Unwin's Dwarf Hybrids. Annual 14 in. Fine for cut flowers; beautiful mixed colors. Price 15c pkt.

DAISY, AFRICAN—Dimorphotheca Hybrids. Hardy Annual 12 in. Bright colored daisy like flowers with black disc.

DELPHINIUM—Gold Medal Hybrids. Hardy perennial larkspur, 3 ft. Blue and lavender. Price 15c pkt.



Calendula

DELPHINIUM—Larkspur Annual. Mixed double flowers. Many fine colors. 3 ft.

DELPHINIUM—Larkspur. Tall double blue. Hardy annual 3 ft.

DELPHINIUM—Larkspur—Carmine King—Double giant—long spikes. Hardy Annual 2 ft. Deep carmine-rose.

FORGET-ME-NOT—Blue Myosotis Alpestris—Hardy biennial. 8 in. Lovely edge for early summer. Sky blue. Price 15c pkt.

FOUR O'CLOCKS—Mixed Annual, 2½ ft. Flowers funnel shaped, red, yellow, pink and white.

FOXGLOVE—Digitalis—Hardy mixed Perennial, 3 ft. Immense flower spikes, fine for background.

GAILLARDIA—Blanket Flower, Annual Mixed, 1 ft. Showy, brilliant, many flowers.

GAILLARDIA—Indian Chief Annual 16 in. New bronzy red and very showy.

GAILLARDIA—Portola Perennial 15 in., best sown in August.

GERANIUM—Tender Perennial. 16 in. Red, pink, white. Price 15c. pkt.

GODETIA—Double Mixed. Hardy Annual 20 in. Crimson, pink, mauve, white.

***GOURDS**—Small Fruited, Mixed Annual Climber. 20 ft. Rapid grower, luxuriant foliage.

GYPSOPHILA—Covent Garden Market. Pure White Annual 18 in. A quick grower, with beautiful white flowers.

GARDEN OLD-FASHIONED—A blend of easy-to-grow Annuals. Average 12 in. Mixed to give an attractive effect.

HELIOTROPE—Perennial. 12 to 18 in. Perfumed. Good for cutting, pots or bedding.

HELICHRYSUM—Straw flower. Mixed. Annual 2 ft. Many colors.

HOLLYHOCK—Double Mixed—Hardy Perennial, 6 ft. An old favorite in most gardens.

HOLLYHOCK—Old-Fashioned. Mixed. Single type. Perennial. Hardest, 7 ft.

HOLLYHOCK—Indian Spring—Annual. Fringed. 5 ft. Shades of rose.

LARKSPUR—See Delphinium.

LINARIA—Superb Mixed Annual. 12 in. Dainty, miniature snapdragons. Price 15c pkt.

LOBELLA—Dwarf Blue Annual 4 in. Sapphire blue. Ideal for edging. Price 15c pkt.

MARIGOLD—Burpee Gold—Odorless. Annual 22 in. Brilliant shade orange flushed with gold.

MARIGOLD—Crown of Gold—Odorless. Annual 18 in. Chrysanthemum type petals of orange gold.

MARIGOLD—French Dwarf Mixed. Annual 14 in. Mahogany, orange, yellow.

MARIGOLD—Giant Supreme—Mixed. Annual 24 in. Immense double flower heads of deep orange and gold.

*Indicates Climbers

FLOWER SEEDS—10c per Pkt. Unless otherwise marked

- MARIGOLD, FLASH**—Single 18 in. Gorgeous combination of colors. Price 15c pkt.
- MARIGOLD—Guinea Gold**—Annual 20 in. Carnation flowered. Golden orange.
- MARIGOLD—Harmony**—Annual 14 in. Mahogany and gold.
- MARIGOLD—Royal Scot**—Annual 10 in. Small double flowers. Striped mahogany and gold.
- MARIGOLD—Super Giant Orange Sunset**. Annual 30 in. Huge flowers. Glowing orange. Price 15 pkt.
- MARIGOLD—Tagetes Signata Pumila**—Annual 8 in. Fernlike foliage covered with dainty single golden yellow flowers.
- MARIGOLD—Yellow Supreme**—Annual 24 in. Like guinea gold but is light primrose yellow flowers almost odorless.
- MEXICAN FIRE BUSH—Kochia Childsi**. Annual 2½ ft. Burning bush or Summer Cypress. Light green in summer, rich deep red in fall. Best annual hedge.
- MIGNONETTE—Sweet Machet**—Annual 12 in. Beautiful and very fragrant.
- *MOONFLOWER**—White. Ipomoea. Annual Climber 20 ft. Blue and white, fragrant flowers.
- *MORNING GLORY—Heavenly Blue**—Annual Climber 15 ft. Rapid climber with mass of immense flowers of exquisite shade of blue.
- *MORNING GLORY—Scarlet O'Hara**—Annual 10 to 20 ft. Giant Flowers. Rose red. Price 15c pkt.
- *MORNING GLORY—Crimson Rambler**—15 ft. Annual Ruby Red flowers.
- *MORNING GLORY—Red, white and blue**. Annual 10 to 15 ft. Patriotic color effect. Free and continuous blooming.
- *MORNING GLORY—Imperial mixture**. Annual 10 to 20 ft. Climber. Many colors.
- NASTURTIUM—Dwarf Mixed**—Annual 14 in. Beautiful mixture of colors. 10c p.t., 30c oz., \$1.00 ¼ lb.
- NASTURTIUM—Gleam Hybrid**—Annual 15 in. Mixed—New semi-double, semi-trailing, pleasing colors, sweet scented.
- NASTURTIUM—Golden Gleam**—Annual 18 in. Pleasing yellow and sweet scented. Semi-double.
- NASTURTIUM—Scarlet Gleam**—Semi-double, fragrant Annual 18 in. Flaming scarlet.
- *NASTURTIUM—Tall or Climbing Mixed**. Annual 4 ft. For trellises, fences, and stumps. 10c pkt., 30c oz., \$1.00 ¼ lb.
- NEMOPHILA—Baby Blue Eyes**—Annual 8 in. Vivid sky blue flowers, white center. Excellent for Rock Garden.
- NEMESIA**—Annual 1 ft. Creamy white, thru orange to carmine.
- NICOTIANA—Hybrids**. Annual 3 ft. Great variety of color, beautiful and fragrant.
- PANSY—Large flowered**. Mixed 5 in. Biennial. Richly colored.
- PANSY—Tufted**. Viola mixed. 5in. Smaller, hardier than pansy biennial.
- PETUNIA—Balcony Blue**—Annual 15 to 18 in. Rich velvety blue. Fine for bedding or window boxes. Large flowers.
- PETUNIA—Flaming Velvet**—Annual 18 in. Blood crimson.
- PETUNIA—Giants of California**—Annual 13 in. Mammoth ruffled flowers. Crimson, rose mauve.
- PETUNIA—Hybrid Mixed**—Annual 12 in. All colors. Price 15c pkt.
- PETUNIA—Rose of Heaven**—Annual 12 in. Rose pink.
- PETUNIA—Rosy Morn**—Annual 12 in. Rose pink, white throat.



Single Petunia

FLOWER SEEDS—10c per Pkt. Unless otherwise marked**PHLOX**—Drummondii.**PHLOX**—Red.**PHLOX**—Yellow.**PHLOX**—Annual choice mixed. 12 in. Assorted colors. Price 15c per pkt.**PINKS**—Dianthus Heddwigii. Annual 12 in. Mixed crimson, rose, white.**POPPY**—American Legion—Annual 14 in. Scarlet with white centers.**POPPY**—Shirley Mixed—Annual 18 in. Red, pink and white.**POPPY**—California Extra Golden. Annual 1 ft. Blue green leaves, free blooming, golden orange.**PORTULACA**—Double mixed. Annual 6 in. Compact edger. Assorted colors. Price 15c pkt**PORTULACA**—Single mixed. Compact edger. Annual 6 in. Brilliant flowers. Assorted colors.**PYRETHRUM**—Painted daisy. Pyrethrum Roseum. Hardy perennial. 2 ft. Beautiful in tall borders. Superb cut flowers. Price 15c pkt.**ROCK GARDEN MIXTURE**—About 10 in. high, partly Perennial and Partly Annual; blended to furnish a wealth of bloom from earliest spring throughout the summer. Price 15c pkt.**SALPIGLOSSIS**—Mixed Annual 2 ft. Velvety, gold veined—lily like flowers. Violet, red, rose, yellow, white.**SALVIA**—(Scarlet Sage)—Bonfire. Annual 2 ft. Cardinal red. Bushy plants, dazzling flowers in long spikes.**SCABIOSA**—Giant Mixed. (Mourning Bride). Annual 20 in. Pin cushion flower. Finest mixed, excellent for cutting. Red, pink, blue, white.**SCHIZANTHUS**—Large flowered mixed. Annual 14 in. Charming cut flowers. Many colors. Price 15c pkt.**SHASTA DAISY**—Alaska Perennial 14 in. Beautiful large snow white flowers with yellow center. Fine for cutting.**SNAPDRAGON**—Fine Mixed. Annual 18 in. Spikes of varied colored blooms last long time when cut for house or table decorations.**SNAPDRAGON**—Pink—Annual 18 in. Beautiful pink.**SNOW ON THE MOUNTAIN**—Euphorbia Marginata. Annual 2 ft. Leaves bright green with white borders.**STOCK**—Beauty of Nice—Mixed. Annual 16 in. Long flower spikes—60% double. Many colors.**STOCK, VIRGINIAN**—8 in. Annual. A nice edger. Red, pink, white.**SUNFLOWER**—Chrysanthemum flowered. Annual 5 ft. Double giant flowers, golden yellow.**SWEET SULTAN**—Centaurea Imperialies. Mixed double. 2½ ft. Annual. Rose, mauve, white.**SWEET WILLIAM**—Fine Mixed. Hardy biennial 14 in. Purple, pink, red, white.**THUNBERGIA**—Black-eyed Susan. Tender perennial. Good for window boxes. 3 ft. Orange, buffy white.**TITHONIA**—Mexican Sunflower. Annual 5 ft. Scarlet, orange.**VERBENA**—Red—Annual 10 in. Fine ground cover, most brilliant color. Excellent for solid beds. Price 15c pkt.**VERBENA**—Pink. Lovely cut flowers. Annual 10 in. Price 15c pkt.**VERBENA**—Mixed—Annual 8 in. A mixture. Red, lavender, pink, cream, white.**VINCA**—Periwinkle Mixed. Annual 14 in. Pink and white flowers. Price 15c pkt.**WALLFLOWER**—Single Annual or biennial 16 in. Orange shades.**Phlox-Drummondii**

FLOWER SEEDS—10c per Pkt. Unless otherwise marked

ZINNIA—Cherry Queen (Super Giant)—Annual 2 ft. Color bright; very striking in strong sunlight. Cherry red. Price 15c pkt.

ZINNIA—Crimson Monarch (Super Giant). Annual 2 ft. Blood red. Price 15c pkt.

ZINNIA—Crown O'Gold—Pastel shades. Price 15c pkt.

ZINNIA—Cut and Come Again Mixed—Annual 2 ft. Attractive medium sized flowers of many colors.

ZINNIA—Dahlia Flowering. Mixed. Annual 2 ft. Very large flowers of striking colors.

ZINNIA—Fantasy Mixed. Annual 24 in. Red, orange, rose, yellow, white.

ZINNIA—Indian Summer—Mixed. Annual 2 ft. Bright Autumn colors. Giant flowers.

ZINNIA—Lilliput—Annual 18 in. Small flowers, free blooming, excellent for cut flowers. Red, yellow, rose, white.

ZINNIA—Little Red Riding Hood—Annual 16 in. Small scarlet flowers. Price 15c.

ZINNIA—Super Giant Golden Dawn—Annual 2 ft. Large double flowers. Price 15c pkt.

ZINNIA—Super Giant Orange Oriole—Annual 2 ft. Deep orange. Price 15c pkt.

ZINNIA—Super Giant Pink—Annual 2 ft. Deep rose pink. Price 15c pkt.

ZINNIA—Super Giant White (Polar Bear). Annual 2 ft. Solid white. Price 15c pkt.

ZINNIA—Super Giant Dream Lavender—Annual 2 ft. Price 15c pkt.

ZINNIGOLD—Annual 1 ft. Yellow and bronze like French Marigolds.

===== **SELECTED LIST OF SPENCER SWEET PEAS** =====

Pkt. 15c, Oz. 40c, $\frac{1}{4}$ lb. .1.50

AMBITION—Rosy lavender

BONNIE BRIAR—Rose pink

ECSTASY—Blush pink

FLAGSHIP—Navy blue

GIGANTIC—White, black seeded

MASTER CREAM—Cream, black seeded

OLYMPIA—Purple

RED BOY—Crimson

REFLECTION—Medium blue

AMETHYST—Lavender blue

SMILE—Cherry rose

WARRIOR—Maroon

WELCOME—Scarlet

MRS. A. SEARLES—Deep pink shading to cherry rose

HIGHLANDER—Light lavender

SPECIAL SPENCER OR ORCHID-FLOWERED MIXTURE

This is one of the finest Spencer Mixtures blended by us—10c Pkt., 25c oz., 75c $\frac{1}{4}$ lb., \$1.35 $\frac{1}{2}$ lb., \$2.50 lb.

SWEET PEAS—Perennial Mixed. 5 ft. Crimson, rose, white. 10c pkt. only.

BIRD SEED

SUNFLOWER—Mammoth Russian: 30c per lb.

GRAINS—Price According to Market and Subject to Change

BARLEY—Six rowed, Choice Northern Grown, per bushel 48 lbs., price on application. (1½ to 2½ bushels to acre.)

BUCKWHEAT—Japanese, 48 lbs. per bushel. 1 bushel to acre. \$3.85 per bu.

OATS—High Grade Selected Seed—Northern Grown—These oats give excellent satisfaction, straw is strong, not apt to lodge, yield very heavy, per bushel 32 lbs. 2 to 2½ bushels to acre. Price on application.

RAPE—Dwarf Essex—In drills 5 lbs. to acre, broadcast 10 lbs. to acre. Price on application.

RYE—Spring—For sowing in the spring, 56 lbs. per bushel. 1½ bushels to acre. Prices on application.

RYE—Winter—For fall sowing 56 lbs. per bushel. 1½ bushels to acre.

SOY or SOJA BEANS—Good for ensilage or green fodder, not good for hay. ½ to ¾ bushels to acre in drills. Prices on application.

VETCHES—Sand Winter, a Hairy Vetch—30 to 50 lbs. to acre, prices on application.

WHEAT—Spring—60 lbs. per bushel, price on application. Winter—60 lbs. to bushel. 1½ bush. to acre.

HUNGARIAN MILLET (Fancy)—One of the most valuable soiling plants, excellent for green fodder or hay, yields enormously; sow from June to August, 48 lbs. per bushel. 1 to 1½ bushels per acre. Market price.

MILLET—German or Golden—Similar to above flower stem more branching. 50 lbs. per bushel. Market price. 1 to 1½ bushels to acre.

MILLET—Japan—Barnyard (Crus-galli). Exceedingly heavy yielder, requires very rich soil. 20 lbs. to 30 lbs. to the acre. 10c lb., \$8.00 per 100 lbs.

FERTILIZERS AND CHEMICALS

PRICES SUBJECT TO CHANGE

	Lb.	25 lbs.	50 lbs.	100 lbs
AGRICO NEW ENGLAND (5-8-7) A good garden fertilizer	.05	1.00	1.90	3.50
AGRICO FOR CORN (3-12-6)—A good corn or vegetable fertilizer.	.05	1.00	1.90	3.50
AGRICO POTATO FERTILIZER (5-10-10)	.05	1.00	1.90	3.50
AGRICO TOP DRESSING (7-7-7)	.05	1.00	1.90	3.50
MURIATE OF POTASH—50% actual potash.				Not available
HIGH GRADE ACID PHOSPHATE (Plain Super-phosphate)—18% available phosphoric acid.	.03	.60	1.10	2.00
NITRATE OF SODA 16%				Not Available
RAW GROUND LIME—Very finely ground High Grade Lime for agricultural purposes. Prices on application.				
PULVERIZED SHEEP MANURE—Weed free, fine for Lawns, Gardens, Flowers, Shrubbery, etc. 5 lbs., 45c; 10 lbs., 65c; 25 lbs., \$1.25; 50 lbs., \$2.50.				
CLAY'S FERTILIZER—Imported. Prices on application.				
VIGORO—A high grade fertilizer for Lawns, Gardens, Flowers, Shrubbery, Etc. Pkg. 10c; 5 lbs., 45c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00.				
ADCO—To be mixed through compost heap. 7½ lb pkgs. \$1.00. 25 lb. bag, \$2.00.				
BOVUNG—Natural cow manure containing not less than 75% organic matter. 50 lbs., \$2.50; 100 lbs., \$4.50.				
SCOTCH SOOT (Imported). 100 lb. bag. Price on application.				



HAY FORKS (Batcheller's)

3½ and 4½ ft., bent handles, \$1.98 and \$2.25



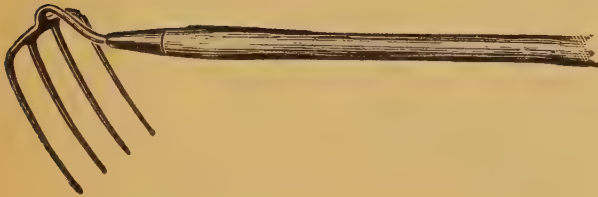
SPADING FORKS—"Batcheller's"

4 Tine D Handle, Flat or Diamond Tine..... 1.98



MANURE FORKS, Batcheller's

5 Tine Long or D Handle\$2.25
6 Tine Long or D Handle.....\$2.75



POTATO HOOKS, Batcheller's

5 Tine "Standard" \$1.98

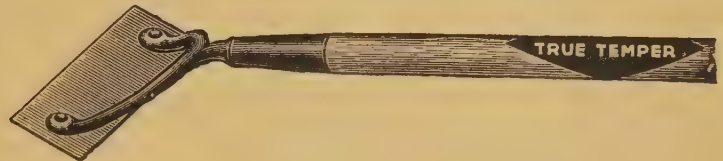


Ensilage Fork, 8 tine \$3.98

HOES

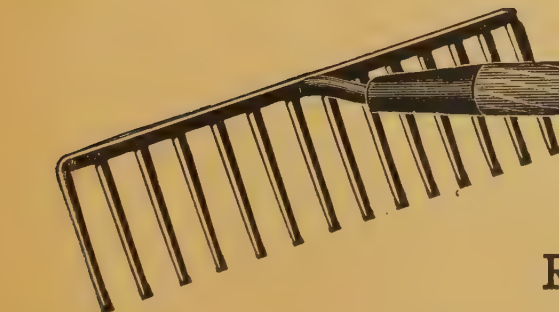


Socket Field, 6½ in. blade \$1.25 \$1.35 \$1.59
Shank Field " 95c to \$1.15
Socket, Meadow, 8½ inch \$1.55



SCUFFLE HOE—Common. Not available.

RAKES



Steel Garden 14 tooth95
" " " \$1.00
" " " 1.50



Turf Edger \$1.65

INSECTICIDES

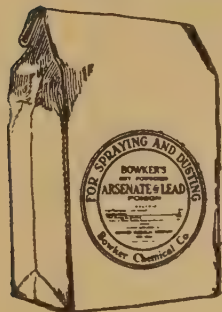
★ **IMPORTANT:** Items marked with star are **POISON**

Ant Buttons—For killing Ants, per box 25c.

ANTHROL—Pyrethrum garden spray, 25c.

★ **ANTHROL**—Ant-Killer, 40c and 75c. Syrup, 4 oz. bottle 20c.

★ **APHINE**,—For the destruction of green fly, black fly, white fly, thrip, red spider, mealy bug, caterpillars, white and brown scale. Quart \$1.00; Gallon \$3.00.



★ **ARSENATE OF LEAD**,—Powdered,
1 lb. 35c. 4 lbs. \$1.15. Special prices in quantities.

BUG DOOM—Bed bugs, Quart 60c

★ **"BLACK LEAF 40"**—A strong, nicotine preparation, for destroying aphids, thrip, etc., 1 oz. 35c; 5 oz. \$1.05; 1 lb. bottle \$2.50; 2 lb. can, \$4.00; 5 lb. can, \$7.40; 10 lb. can, \$12.85.



★ **BLUE VITRIOL**,—Blue Stone Copper Sulphate, (Crystals), per lb., 12c. Special price in quantity.

★ **BORDEAUX MIXTURE**—Powder. 1 lb. 30c; 4 lbs. \$1.00.

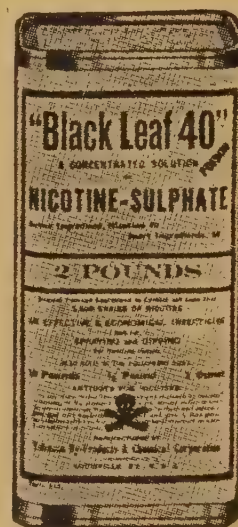
★ **CALCIUM CYANIDE**, "CYANO GAS",—For fumigating greenhouses, killing woodchucks, etc., ½ lb. A, for woodchucks, etc., 45c; 1 lb. A, for woodchucks, 75c; 5 lb. G, for greenhouses, \$3.00; 4 oz. ant killer for outdoor use only 30c.



DDT CARBOLA—A disinfecting, germ-killing white paint, used instead of whitewash. 5 lb. pkg. 80c; 10 lb. pkg., \$1.35; 25 lb. \$3.00; 50 lb. \$5.50.

CHLORIDE LIME.—A valuable disinfectant. Price 1 lb. box, 15c.

★ **COPPER SOLUTION**.—To prevent blight, rot and mildew. ½ pt. 50c; 1 pt. 85c; qt. \$1.50.



CROW REPELLANT, (Stanley's).—Protects corn from crows, squirrels and rats; will not clog planter. One can for one bushel corn, 60c. Large Can 2 bushel corn, \$1.00.

DOG SKAT—Large tube, 25c; 3 oz bottle liquid, 35c.

EVERGREEN—Does not burn, kills practically all sucking and chewing insects; 1 oz., 35c; 6 oz. \$1.00; 16 oz., \$2.15.



FLIT

FLIT—Household surface spray. 5% D.D.T. Kills flies, bedbugs, mosquitoes, ants and moths. Pint 30c, qt. 50c, gal. \$1.75.

FLIT—Household spray for spraying in the air. Pyrethrum, Thiocyanates, 1% D.D.T., Quickly kills flies, mosquitoes, moths, roaches, ants, and bed bugs. Pint 30c, qt. 50c.

FLIT—Special Spray—A new high speed, safe killer for food stores, restaurants, hotels. Contains high percent Pyrethrum without D.D.T. Kills roaches, flies, mosquitoes, moths, ants, bedbugs and many common insects. Gal. \$2.85.

FLIT—Insect Bomb—Aerosol—3% D.D.T. Pyrethrum. (With Freon gas under pressure.) \$2.98 each.

FORMOCIDE—Formaldehyde Dust to control damping off. ½ lb. 50c; 1 lb. 85c.

★ **FUNGITROGEN**—A remedy for mildew, rust and other fungus diseases, 1 pt. \$1.25, 1 qt. \$2.00.

GRAPE DUST—For the prevention of mildew, 1 lb. pkg. 35c.

GRAYLAWN FLY SPRAY—To protect animals from flies—excellent, gallon \$1.50 and \$1.35.

HY-TROUS 4-8-4—Balanced fertilizer, liquid form, for shrubs, lawns, house plants and vegetable gardens. 3-oz. bottle 25c, 8-oz. bottle 59c, 16-oz bottle 99c, 32-oz. bottle \$1.79.

INSECTICIDES (Continued)

★ IMPORTANT: Items marked with star are POISON

K. R. O. RED SQUILL POWDER—Kills rats only, used with safety about the home, barn poultry house. It is not a poison and is harmless to human beings, live stock, pets or poultry. 2 oz. pkg. 75c; K. R. O. Ready Mixed—6 oz. can 35c, powder and bait mixed, large can \$1.00.

LUCKY STRIKE—Cattle Spray, odorless, stainless and effective, per gal. \$1.35.

LUCKY STRIKE—Rotenone and Pyrethrum non-poisonous garden spray kills all chewing and sucking insects. 1 oz. bottle 35c; 4 oz. bottle \$1.00; 8 oz. \$1.60; 1 pt. \$2.50; 1 qt. \$3.75.

LIME SULPHUR (Dry)—Same work as Commercial. 12½ lb. bag, \$1.65, quantities on application.

MOTH DOOM—1 pt can for moths, \$1.00.

MOLOGEN—Mole killer ½ lb. can 50c, 1½ lb. can \$1.25.

★ **NICO-FUME POWDER**—A Powder used same as Nico-fume paper 1 lb. 75c; 5 lbs. \$3.65.


PESTROY—Activated insect (10% D.D.T.) powder in handy pump gun. 39c and 69c.

PESTROY—6% D.D.T. Liquid coating for screens, plumbing and other hard to protect surfaces. Pt. 69c, qt. \$1.19.

PESTROY—25% D.D.T. Concentrate—dilute 1 part to 4 parts water for 5% D.D.T. solution for use on farms, industrial and commercial buildings. Qt. \$1.49, gal. \$4.95.

★ **Pomo-Green with Nicotine**—A leaf green all-in-one dust or spray. 1 lb., 80c, 4½ lbs., \$3.00.

★ **Potash or Lye**—Per box, 15c.

★ **Pyrox**  **PYROX**—A spray for all leaf-eating insects, also a preventative of fungus diseases. 25 lbs., \$5.75; 50 lbs., \$8.35.

★ **PYROX-NICOTEEN**—For leaf eating and sucking insects and Fungus, package 60c, 5 lbs., \$2.25; 25 lbs., \$7.00; 50 lbs., \$11.50.

★ **RAT NIP**—Kills Rats—Tube 35c.

RED ARROW—A contact insecticide, will not burn tender foliage. Oz., 35c. ¼ Pt. \$1.00

★ **ROACH DOOM**—4 oz. can for roaches 40c, 8 oz. 70c.

ROTENONE DUST—Non-poisonous for all chewing insects in the garden. 1 lb. 35c; 2 lbs. 65c; 5 lbs. \$1.35.

Scalecide—1 qt. 75c; gal. \$1.75.

★ **Semesan**—For controlling disease in the soil and on the seed such as smut on grains. Price, ⅓ oz. 10c; 2 oz., 40c; 12 oz., \$1.88.

★ **Semesan Bel**—For seed potatoes, 2 oz. 30c; 1 lb. \$1.65.

★ **Semesan Jr.**—For corn. 1½ oz. 15c; 12 oz., 56c.

Sheep Dip—Cooper's—In powder form pkg. makes 25 gallons. Price 75c.

Slug Shot—Hammond's—Destroys insects injurious to house and garden plants, potatoes, vegetables, and fruits of all kinds. Comes all ready for use. 1 lb., 30c; 5 lb. pkg., \$1.00. Liquid 1 oz. 35c; 4 oz. \$1.00.

Sulfocide—For fungus diseases, 1 pt. 60c; 1 qt. \$1.00; gal. \$2.50.

Sulphur—The finest ground. For the prevention and cure of Mildew on grapevines, roses, etc. Price per lb., 10c; 100 lbs., \$6.00.

Sulphur Candles—For fumigating. 12c each.

Sunoco—1 gal., \$1.50, 5 gal. \$5.50.

Sweeping Compound—A sanitary compound for use in sweeping floors—50 lbs. \$2.00; 100 lbs. \$3.75.

Sylpho-Nathol—formerly Sulpho-Napthol.—A modern cleanser and purifier. Makes everything clean and healthful. One of the best disinfectants known. Price, small bottle, 35c; medium bottle, 65c; quart can, 85c; one gallon can, \$2.50.

Thrip Juice—For sucking insects, ½ pt. 50c; pt. 90c; 1 qt., \$1.50; gal. \$4.80.

Tobacco Dust—A very fine dry powdered tobacco.. Price per lb., 10c, per 100 lbs., \$6.00.

TRI-GEN—For rose insects and fungus diseases small size, 90c; med., \$1.50; large, \$4.00.

★ **WEED KILLER, DOLGE'S**—For killing weeds in drives, walks, tennis courts, gutters. etc., highly concentrated. 1 gal. can, \$2.25.

WHALE OIL or FISH OIL SOAP—½ pt. 35c; 1 pt. 65c.

★ **WILSON'S O. K. PLANT SPRAY**—A powerful, harmless and efficient insecticide. 1 qt., \$1.00, 1 gal. \$3.00.



LOWE BROS. PAINTS AND VARNISHES



A Complete,
Dependable Line



See Us Before You Paint

Over 30 years with
Lowe Bros.
shows our confidence



We Are Distributors
for Berkshire County



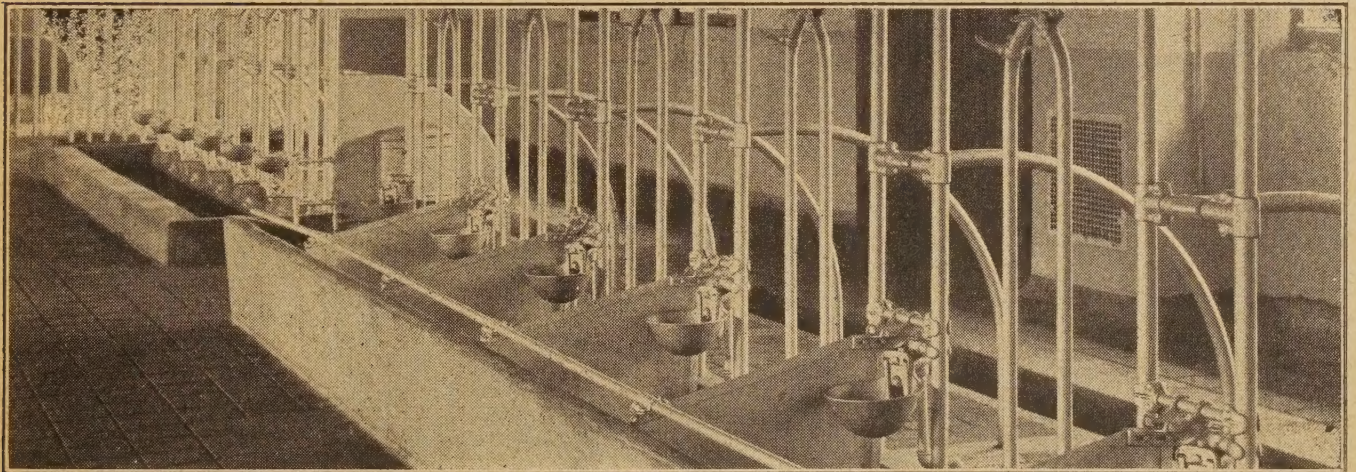
FRANK HOWARD, INC.

KEMTONE

washable flat wall finish. Beautiful shades. Dries in 1 hour. One coat covers most surfaces.

*The following is a partial list of
other lines we carry:*

Builders' Supplies	Insecticides
Carpenters' Tools	Lawn Mower, Hand
Cement	Lawn Mower, Power
Children's Toys	Lighting Equipment
Contractors' Tools	Lime
Dairy Equipment	Paint
Dairy Supplies	Poultry Supplies
Dog Supplies	Pumping Equipment
Dusters	Roll Roofing
Electrical Appliances	Seeds
Electric Supplies	Slate Surface Roofing
Farm Machinery	Sprayers
Fertilizers	Tractors
Flue Lining	Tile
Garden Supplies	Tools
Gifts	Wire Fencing
Hardware	Wooden Ware
Household Supplies	



LOUDEN Steel Barn Equipment

**MAKE HOWARD'S STORE YOUR HEADQUARTERS WHILE
IN THE CITY. YOU ARE ALWAYS WELCOME**

This is our 54th anniversary—over half century of pleasant relationship with our friends in the community. We wish to thank those who have made this record possible. You may depend on us to do our best to render the friendly service we have tried to maintain throughout the years.

FRANK HOWARD, INC.



Grown Locally from our Seed

Howard's Lawn Grass Seed

HOWARD HAS GRASS SEED FOR EVERY PURPOSE

HOWARD'S GRASS SEEDS are obtained from the very best growers. All of our mixtures are Mixed and Blended By Us from these choice seeds. If you desire other mixtures, we will mix them on order.

HOWARD'S LAWN GRASS SEED is a specially reliable mixture of fine growing grasses, practically free from weed seeds and can be depended on to produce a perfect, velvety green turf if properly sown and cared for. Some of the finest lawns in Western Massachusetts are the results of using Our Seed and Fertilizer. Quantity required per acre 6 bushels. One Quart will sow 200 square feet. Price per lb., 55c; 4 lbs., \$2.00; 8 lbs., \$3.75; 16 lbs., \$7.00; 32 lbs., \$13.50.

HOWARD'S SHADY LAWN SEED—A special mixture for shady places of the finest grasses obtainable and best adapted for the Berkshires. 1 lb., 60c; 4 lbs., \$2.25; 8 lbs., \$4.75; 16 lbs., \$8.00; 32 lbs., \$15.50.

SPECIAL GRASS MIXTURE FOR PASTURES

Special Grass Mixture For Hay—Mixed to order from finest quality grasses.